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ALBERTS & MERKEL BROS., INC.

-1963-

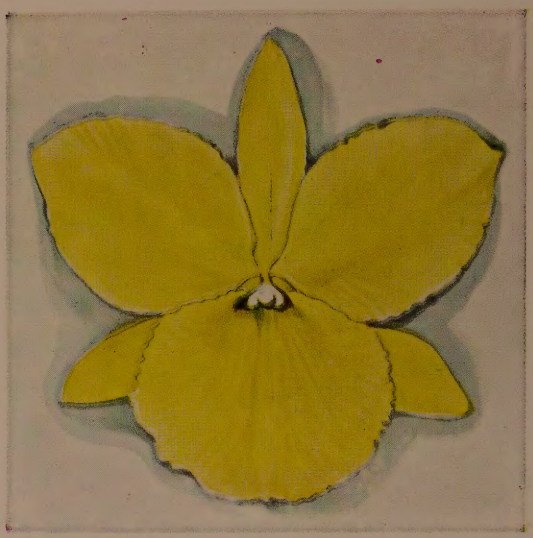
Orchids

PHALAENOPSIS RUBY LIPS

Tropical Foliage Plants

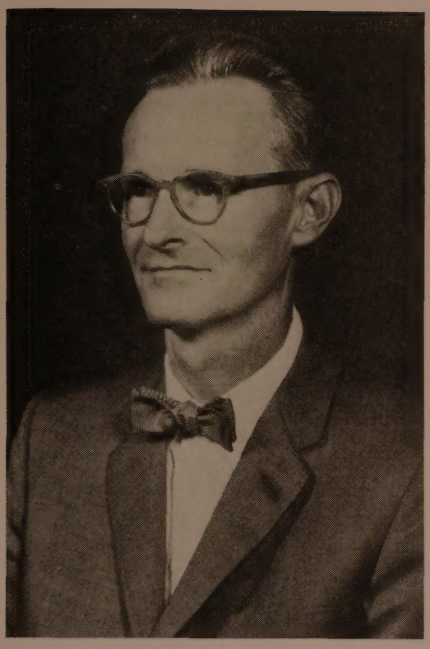
BILLBERGIA ZEBRINA

BOYNTON BEACH, FLORIDA ~ 25c

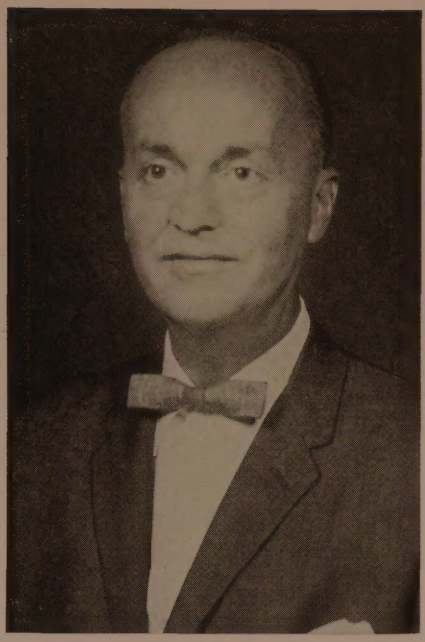


BROUGHTONIA SANGUINEA
'CARMEN GAUNTLET' CBM-AOS
Flower Twice Natural Size
See page 41

Blc. NORMAN'S BAY 'HERCULES' FCC/RHS
#2573 See page 10



NORMAN B. MERKEL



JEAN L. MERKEL

ALBERTS & MERKEL BROS., INC. was co-founded in 1947 by Mr. & Mrs. B. W. Alberts 1917-1958 (years active in business) and J. L. and N. B. Merkel 1936-1962. The Merkel brothers are third generation horticulturists from 1890.

The result of this accumulation of knowledge, experience and devotion of singular purpose is represented on the following pages.

Our purpose, to develop a better product and maintain increasing service, is dedicated to the interest of our customers. We solicit your comment for our mutual advancement.

ALBERTS & MERKEL BROS., INC.

BOYNTON BEACH, FLORIDA • U. S. HIGHWAY No. 1

Cattleya Hybrid Seedlings

Our fine hybrid seedlings are crosses made with outstanding parents and are the results of many years of experience in hybridizing. Some of the parents are pictured in this catalog. It is expected that the seedlings will be as fine or finer. We do not sell our stud plants. Some of the following crosses are also available in flowering size listed on pages 18-23. Those below are all unflowered except some of the larger sizes. Please indicate if you wish all seedlings unflowered. For estimated time until blooming see page 50. For quantity discount see page 51.

Bc CLARA ALBERTS, #988 - 2185 - 2226

LAVENDER FLOWERS

988 **Blc. BRUNO ALBERTS (Lc. Florida 'Compacta' x Bc. Clara Alberts 'Rotunda').** Fall. Large flowers, round shape, exceptionally large frilled lips of intense color. See photo of Bc. Clara Alberts above.

4½"—12.50 5"—15.00-17.50 6"—22.50-25.00 7"—30.00-40.00

1008 **Lc. HOLIDAY (Lc. Miami 'Silver Bowl' FCC-AOS x Lc. Gaillard 'Triumph').** Fall to winter. Miami 'Silver Bowl, has produced fine offspring — large flowers velvet maroon labellums. Gaillard 'Triumph' has won best in show — heavy producer of flowers — frilled lip with golden yellow eyes in throat.

4"—10.00-12.50 5"—15.00-17.00 6"—22.50-25.00

1043 **Lc. CASSIOPEIA 'KING' x C. TITRIANAE 'CHRISTMAS BELL'.** A holiday cross with all the trimmings. Both parents have good color. Cassiopeia flowers have stayed fresh on the plant for a month.

4"—10.00-12.50 5"—15.00 6"—17.50-20.00-22.50

PHALAENOPSIS GOLDEN CHIEF
#1129 See page 31

Blc. LYRANDA #2296-2237
See page 17

Lc. HENRIETTA JANE DANE #2052-2269-2156-2273
See page 17

#2225 - 2275 - 2349 - 2377 - 2795 C. TANGO

C. REMY CHOLET var. STILL POND FCC-AOS
Parent of #2260

2003 **Blc. DUVAL x Lc. GERALDINE THOMPSON 'SUPERBA'.** Fall. Duval equals the Florida and Miami crosses. Geraldine Thompson has a fine frame, is free flowering.
5"—15.00 6"—17.50-20.00-22.50

2012 **Lc. CHRISTMAS (Lc. Elizabeth Off x C. Titrianae 'Noel').** Christmas and winter. Both parents have fine dark color with yellow eyes and frilly, crimson lips.
5"—15.00 6"—17.50-22.50

2023 **Lc. LAOMEDON (C. Titrianaei 'Mandarin' FCC-AOS x C. Trianaei 'Grand Monarch' FCC-RHS).** A remake with two outstanding parents. Trianae breeding tends to wash out color. These two forms have a great deal more color than normal forms. The first flowering seedlings have shown the color of the parents. Flowers at the Holiday Season of Christmas.
4"—10.00 5"—15.00-17.50 6"—22.50-25.00

2089 **Lc. LEROY S. COLLINS (C. Titrianae 'Mandarin' FCC-AOS x Lc. Wilborough 'Eisenhower').** Winter. A remake of cross #1044 with a different Wilborough. Bound to be good. Named for a Florida governor.
4½"—12.50 5"—15.00-17.50 6"—20.00-25.00

2094 **Lc. WINTER GLORY (Lc. Wilborough 'Eisenhower' x Lc. Miami 'Magnifica').** Winter. An exhibition hybrid for Christmas and winter shows. Both parents loaded with color and form.
4"—7.50-10.00 4½"—12.50-15.00 5"—17.50-20.00 6"—22.50-25.00

2095 **Blc. WINTER CARNIVAL (Lc. Miami 'Martha x Blc. Caligula Excelsa').** Fall to winter. A fancy dark Brassolaeliocattleya cross. A dark Miami with double growth habit will give extra flowers for a Brasso hybrid.
4"—10.00 5"—12.50-15.00 6"—17.50-22.50 7"—25.00-30.00

2107 **Lc. BOCA RATON (Lc. Miami 'Charlotte Corday' x Lc. Helen Wilmer).** Fall, winter. Miami 'Charlotte Corday' is a flower to stop your march through the orchid house. Rich color, texture form. Helen Wilmer gives a compact short trumpet with a lip you stop to admire.
4"—7.50-10.00 5"—12.50-15.00 6"—17.50-25.00

COLOR SLIDES

We have collections of 35 mm. Kodachrome transparency slides of orchids and tropical foliage plants which we loan to Orchid Societies and Garden Clubs for programs. Only charge is postage to return them to us. Allow 2 or 3 months for scheduling.

C. TITRIANAE 'Mandarin' FCC-AOS #1046—2023—2089—2203—2324—2337

2108 **Blc. FLORENCE McCLELLAND (Lc. Miami 'Ambassador' x Bc. Imperialis 'Majestic').** Late fall, winter, spring. Should make an outstanding flower show Brasso hybrid.
3½"—6.00 4"—7.50-10.00 5"—12.50-15.00 6"—17.50-20.00-22.50

2113 **Lc. FRANK J. LIND 'JULIUS CAESAR' x Bc. IMPERIALIS 'MAJESTIC'.** Winter-spring. A real show flower for Jan.-Feb.-March. Lind has color, substance and form.
4"—10.00 4½"—12.50 5"—15.00

2119 **Lc. SYDNEY DAVIES (C. General Pulteney x Lc. Miami 'Silver Bowl' FCC-AOS).** Late fall, winter. This same General Pulteney is a parent of our lovely Lc. Cassiopeia. This Miami will add deep color and texture.
3½"—6.00 4"—7.50-10.00 5"—12.50-15.00 6"—17.50-20.00-25.00

2152 **Blc. FLORENCE McCLELLAND (Lc. Miami 'Ides of March' x Bc. Imperialis 'Superba').** A March Brasso made with a Miami that has flowered several years in March. Should be dark.
3"—5.00 4"—7.50-10.00 5"—12.50-15.00

2202 **Lc. PETER DANE 'MAJESTIC' x C. TRICLOTHO 4N 'PERFECTION'.** The latter is a tetraploid with overlapping sepals and petals and yellow in the throat, lip dark. Peter Dane is very dark and fine form, heavy substance. Both flower around the Christmas holidays.
2½"—5.00 3½"—8.00 4"—10.00 4½"—12.50 5"—15.00-17.50

2221 **C. MONMOSS 'MANDARIN' x Lc. HYPERION 'MANDARIN'.** Spring. Both parents are proven for form and season. Monmoss should make Hyperion a freer flowering hybrid. See color photo page 105.
4"—7.50-10.00 5"—12.50-15.00

2225 **C. TANGO (C. Ruby x Cattleya A. J. Ruck).** A remake of our cross #920 which has given so many fine dark flowers.
2½"—4.00 3½"—7.50 4"—10.00 4½"—12.50 5"—15.00-17.50

2226 **Blc. ANN ALBERTS (Lc. Miami 4n 'Glory' x Bc. Alberts 'Gault').** Fall. Made with the dark
2185 Tetraploid Miami 'Glory' and one of the finest Brasso-Cattleya Clara Alberts 'Gault' ever flowered. See photos page 4 and 12. Labellum should be large, frilled with velvet maroon sheen.
3½"—7.50 4"—10.00 4½"—12.50 5"—15.00-17.50 6"—20.00-30.00

2247 **Lc. DIXIE (Lc. Miami 'General Marshall' x Lc. Florida 'Perfecta').** Fall. This cross has turned out well previously. Both parents have substance, color and free flowering characteristics as well as form.
3½"—7.50 4"—10.00 4½"—12.50 5"—15.00-17.50

Lc. MEM. MAGGIE HOOD 'PRIDE' AM-AOS #2022

Results of a past seedling offering. Divisions of selected forms will be available from Summer of 1963. Hybrid crosses using Lc. Mem. Maggie Hood will be available after Fall, 1963.

C. INTERMEDIA 'AQUINII' #2645-2650
See page 14

C. SNOWSONG #2120-2230-2236
See page 15

PHALAENOPSIS VIOLACEA #1161-1261
See page 31

PHALAENOPSIS ALICE BOWEN #1183-1186
See page 30

PHALAENOPSIS INTERMEDIA 'PORTEI' #1161
See page 31

2248 **C. TITRIANAE 'PERFECTION' x Lc. HELEN WILMER 'MANDARIN'.** Fall, winter. Perfection has outstanding overlapping wide petals. Wilmer will add color and hold form.
2½"—3.00 3"—5.00 4"—10.00-12.50

2260 **C. REMY CHOLET 'STILLPOND' FCC-AOS x Lc. HELEN WILMER 'MANDARIN'.** Winter. Wilmer will add color to this beautiful hybrid. Both flower from December on. See photo page 6.
2½"—4.00 3"—6.00

2263 **C. A. J. RUCK x (C. Horatius 'Sirius' x C. Titrianaei).** Spring Various. The Ruck is a dark maroon and color carrier. The latter is also dark with wide sepals and petals, maroon labellum, yellow throat and free flowering.
1¾"—2.00 2½"—3.00

2275 **C. TANGO 'PRIMIER' x Lc. PRINCESS MARGARET 'JEWELL'.** Fall—Various. Tango has intense red tones and is a color dominant parent. Princess Margaret is proven by many favorite hybrids. See photo page 6.
2½"—4.00 3"—6.00 3½"—7.50 4"—10.00 4½"—12.50 5"—15.00-17.50

2324 **Lc. IVY MERKEL (Lc. Miami 4n 'Glory' x C. Titrianaei 'Mandarin' FCC-AOS).** Late Fall. Both parents have given excellent results. Dark flowers well proportioned, heavy substance. A remake of our #962 which has been very popular. See photos pages 7 and 12.
2½"—4.00 3"—6.00

2325 **Lc. MIAMI 'FORMA' x C. CHARYBIDUS 'HILLTOP'.** Late Fall. The first parent as the variete! name implies has exhibition shape — color is rich throughout. Charybidus 'Hilltop' is a well known parent. Color is intensely dark with a glowing sheen texture. Should make exhibition hybrids.
1¾"—2.50 2½"—4.00 3"—6.00

2337 **C. TITRIANAEI 'MANDARIN' FFC-AOS x Lc. CASSIOPEIA 'Noel'.** Late Fall. Cassiopeia is truly a star. Flowers opening at Thanksgiving have kept in perfect condition for Christmas. Cassiopeias have produced pentaploids in other hybrids. The color of the labellum is an exciting maroon purple. Titrianaei is tried and true. See photo page 7.
2½"—4.00 3"—6.00

2354 **Lc. CASSIOPEIA 'WINTER BELLE' x Lc. MIAMI 'GENERAL MARSHALL'.** Late Fall. See description of Cassiopeia above. Miami 'General Marshall' has all the attributes of a fine Miami — color, size and substance — velvet maroon labellum has yellow eyes in throat. Well grown bulbs produce 4 to 5 flowers per bulb.
1¾"—2.50 2½"—4.00

2355 **Lc. HYPERION 'MANDARIN' x Lc. MIAMI 'GENERAL MARSHALL.'** Late Fall and Winter. See description of General Marshall above. Hyperion has produced many an award winning flower. It breeds the flat. round shape, short trumpet, heavy substance everyone admires. Exhibition potential. See color photo page 105.
1¾"—2.50 2½"—4.00 3"—6.00

2418 **Lc. MIAMI 'GENERAL MARSHALL' x Lc. CASSIOPEIA 'DUBONET'** Late Fall. A cross similar to 2354 except using Cassiopeia 'Dubonet'. Dubonet has a most unusual coloring. See descriptions 2354-2337.
1¾"—2.50 2½"—4.00

2474 **Lc. IVY MERKEL 'WEST INDIES' x Lc. PRINCESS MARGARET 'ORCHIDHAVEN'.** This cross will
2488 yield dark flowers of good size, heavy substance from the tetraploid parents, excellent robust grower and good shaped flowers from October thru December.
1¾"—2.50 2½"—4.00

2573 **Lc. MIAMI 'GENERAL MARSHALL' x Blc. NORMAN'S BAY 'HERCULES' FCC-RHS.** A cross that speaks for itself. See color photo of Blc. Norman's Bay 'Hercules' page 2. The Miami 'General Marshall' has all the attributes of a fine Miami — color, size and substance — velvet maroon labellum has yellow eyes in throat. Well grown bulbs proluce 4 to 5 flowers per bulb. Both parents probably tetraploids.
1¾"—3.50 2½"—5.00 (no discount)

2792 **Lc. TWINKLE STAR x Blc. EDWIN CHONG (Blc. Dawn Angela x Lc. Princess Margaret).** Twinkle Star is a very dark flower as was the Edwin Chong. Should yield a dark Brasso flower in the fall season.
1¾"—2.50 2½"—4.00

Lc. CANHAMIANA 4n 'ALBERTS'

The plant of Lc. Canhamiana 'Alberts' is a tetraploid, unusually robust, bears large flowers every spring, medium dark lavender with a very large, intensely dark lip. 'Alberts' variety is a lavender Canhamiana and should not be confused with our white-colored-lip Canhamiana alba.

In 1920 we grew about 2,000 plants of Lc. Canhamiana from seed. We chose the 7 most outstanding plants for breeding. These were the first spring hybrids that resembled dark fall-flowering hybrids. Out of the 7 plants, one yielded such excellent results that it was tested again on 3 different crosses. This plant is Lc. Canhamiana 'Alberts'. The seedlings offered below are bred from this plant. The results are the finest of the modern spring-flowered hybrids.

The Canham offspring flower late March, April and May. They are robust growers and free-flowering. The record for blooms, so far, is 28 blossoms on a Lc. Nellie Cohen in a 7" pot. See color photo page 101 for typical Canham seedling.

990 **Lc. SWANEE RIVER (Lc. Miami 'Louis XV' x Lc. Canhamiana 'Alberts')**
4½"—12.50 5"—15.00 5½"—17.50 6"—22.50-25.00-35.00

993 **Lc. SWANEE RIVER (Lc. Miami 'Anton' x Lc. Canhamiana 'Alberts')**
4½"—12.50 5"—15.00 5½"—17.50 6"—22.50-25.00-35.00

1012 **Lc. SPRING COMET (Lc. Canhamiana 'Alberts' x C. Titrianae 'Comet').**
4½"—12.50 5"—15.00 6"—22.50-25.00

1016 **Lc. ALARCON (C. Dupreana 'Gloriana' x Lc. Canhamiana 'Alberts').**
2028 **2½"—3.00 3½"—6.00 4"—10.00 4½"—12.50 5"—15.00 6"—22.50**

1046 **C. TITRIANAE 'MANDARIN' FCC-AOS x Lc. CANHAMIANA 'ALBERTS'.**
4½"—12.50 5"—15.00 6"—22.50-25.00

1090 **Lc. MEM. H. A. TRACY (C. Hardyana 'Westport' x Lc. Canhamiana 'Alberts').**
4½"—12.50 5"—15.00 6"—22.50-25.00

1093 **Lc SPRING LOCH (Lc. Moloch x Lc. Canhamiana 'Alberts')**
4½"—12.50 5"—15.00-17.50 6"—22.50-25.00

2018 **Lc. LOUIS MERKEL (Lc. Canhamiana 'Alberts' x Lc. Princess Margaret 'Jewel').** A better cross would be hard to make.
4½"—12.50 5"—15.00-17.50 6"—22.50-25.00

2052 **Lc. EASTER PRIDE (Lc. Canhamiana 'Alberts' x Lc. Henrietta Jane Dane 'Damsel').** Spring. The Henrietta Jane Dane 'Damsel' is a beautiful yellow with ruby lip. A yellow crossed to a lavender in this case will increase color intensity of the lavender flowering seedlings and will also give some color breaks of unusual shades in the others.
4"—10.00 4½"—12.50 5"—15.00-17.50 6"—22.50-25.00

2053 **Lc. SPRING FETE (Lc. Canhamiana 'Alberts' x Blc. Duval 'Magnifica').** Spring. Blc. Duval 'Magnifica' is lovely rich colored flower with heavy texture and fine form. It has the double growth habit of Miami and Florida. This should make a dark colored hybrid for Easter.
4"—10.00 4½"—12.50 5"—15.00 6"—22.50-25.00

2086 **Lc. BOYNTON (Lc. Helen Wilmer 'Mandarin' x Lc. Canhamiana 'Alberts').** Spring. The Helen Wilmer will give rich color to the Canhamiana.
4"—10.00-12.50 5"—15.00-17.50 6"—22.50-25.00

2104 **Lc. CANHAMIANA 'ALBERTS' x Lc. MIAMI 'SILVER BOWL' FCC-AOS.**
2½"—3.00 3"—5.00 4"—10.00-12.50 5"—15.00-17.50 6"—22.50-25.00

2105 **Lc. MONHAM (Lc. Canhamiana 'Alberts' x C. Monmoss 'Mandarin').**
2½"—3.00 3"—5.00 4"—10.00-12.50 5"—15.00-17.50 6"—22.50-25.00

2106 **Blc. DORIS VAN ALLER (Lc. Canhamiana 'Alberts' x Bc. Imperialis 'Superba').**
4"—10.00-12.50 5"—15.00-17.50 6"—22.50-25.00

2151 **Lc. CANHAMIANA 'ALBERTS' x Lc. MIAMI 'IDES OF MARCH'.**
4"—10.00 5"—15.00-17.50 6"—22.50-25.00

PHALAENOPSIS PINK HAWAII
See page 29

DENDROBIUM PHALAENOPSIS
LADY HAMILTON 'ALPHA'
D914 - D1016 - D1017 - D1018 - D1019
See pages 25 and 26

Lc. MIAMI 'GLORY'
Parent #764, 2185, 2226, 2323, 2324
See pages 7, 10, 17, 20

2210 **Lc. CANHAMIANA 'ALBERTS' x Bc. IMPERIALIS 'WESTPORT AM-AOS.** Spring. The Imperialis 'Westport' has round form and March season to compliment the Canhamiana.
3½"—7.50 4"—10.00-12.50 5"—15.00-17.50

2241 **Lc. BRUNO ALBERTS x Lc. MIAMI 'FESTIVAL'.** Spring. Some seedlings may flower out of season. The Lc. Bruno Alberts was a great improvement over earlier Canhamiana hybrids. Back crossing to Miami will increase color. See color photo page 101.
2½"—3.00 3"—5.00

2249 **Lc. CANHAMIANA 'ALBERTS' x Bc. IMPERIALIS 'KALENS'.** Spring. Kalens variety is an extremely dark Imperialis. Should be a fine Easter hybrid.
3½"—6.00 4"—10.00-12.50 5"—15.00-17.50

2252 **Lc. CANHAMIANA 'ALBERTS' x Lc. CARDINAL.** Spring. Cardinal has imparted color to previous lavender crosses.
2½"—4.00 3"—6.00 3½"—7.50 4"—10.00-12.50 5"—15.00-17.50 6"—22.50-25.00

2257 **Lc. BRUNO ALBERTS (Lc. Florida 'June Bug' x Lc. Canhamiana 'Alberts').** Spring. Remake of #917 using a June flowering Florida. See color photo page 101.
1¾"—2.00 2½"—3.00

2262 **Lc. BRUNO ALBERTS (Lc. Florida 'Graduate' x Lc. Canhamiana 'Alberts').** Spring. Remake of #917 using a June flowering Florida. Similar to #2257. See color photo page 101.
1¾"—2.00 2½"—3.00 3"—5.00 3½"—6.00 4"—10.00-12.50

2274 **E. ENID 'GRANDIS' x Lc. CANHAMIANA 'ALBERTS'.** Spring. Grandis is one of our three top Enids with deep color and substance. Should be prolific bloomer and vigorous grower.
4"—10.00-12.50 5"—15.00-17.50

2277 **Lc. BRUNO ALBERTS (Lc. Florida 'Gold Star' x Lc Canhamiana 'Alberts).** Spring. Remake of #917 with original parents. This cross has turned out very well. See color photo page 101.
4"—10.00-12.50

WHITE-COLORED-LIP

777 **C. JUNE DELIGHT (C. Hardyana alba x C. Loranore alba). June.** A fine dependable June flower. Desirable and useful. Both parents have good constitution and are free-flowering. See photo page 14.
4½"—10.00 5"—12.50 6"—15.00-20.00-25.00

1054 **C. ENRIDGE (C. Bembridge Alba x C. Enid Alba 'Gulfstream' AM-AOS).** Free-flowering white-colored lip for the late spring season. Superior parents.
4"—7.50 5"—12.50-15.00 6"—17.50-20.00-22.50

2140 **L. PURPURATA 'ORCHIDKNOLL' x C. BEDFORD ALBA.** Spring. The same famous Purpurata that helped to make the original Lc. Canhamiana alba and later Lc. Lily Pons. The Bedford alba is a free-wheeling W-C-L that grows and grows with snow white sepals and petals and solid lavender lip. This should be a much needed flower for May and June commencements and weddings.
4"—10.00-12.50 5"—15.00-17.50

2141 **Lc. MARY J. SYKORA AM (Lc. Lily Pons 'Easter' x Lc. Cynthia 'Grandis').** Various. Both glistening white with bright lips ruffled with white.
3½"—7.50 4"—10.00 4½"—12.50 5"—15.00

2163 **C. LORANORE ALBA x Lc. CANHAMIANA ALBA 'GRANDIS'.** May and June. Two fine parents
2272 which we have used with great success. Free-flowering, good growers. Photo page 14.
3½"—7.50 4"—10.00 4½"—12.50 5"—15.00-17.50 6"—20.00-30.00

2216 **C. MOSSIAE 'REINECKIANA' YOUNG'S VAR. x C. BEDFORD ALBA.** May-June. A prolific flowering white with colored lip for the period of graduations. Multiple growths. An improved Ardmore alba type.
3"—5.00 4"—7.50-10.00

2217 **Lc. LOUELLA O. PARSONS ALBA x C. MOSSIAE 'REINECKIANA' YOUNG'S VAR.** May-June. Another excellent white with colored lip for Spring graduates. An improved Ardmore alba.
4"—7.50-10.00

C. LABIATA Var. Charlesworthii A.M.
Parent #783

C. LORANORE ALBA
Parent #777 - 2163 - 2272

2258 **Lc. CLARA SCHRIEVER ALBA x Lc. CYNTHIA ALBA 'GRANDIS'.** Fall to winter. Two top-notch
2295 parents with form and brilliant solid labellums that are ruffled. #2295 is the same cross.
2½"—3.00 3"—5.00 4"—10.00 4½"—12.50

2298 **Lc. CYNTHIA ALBA 'GRANDIS' x C. ALICE PEARCE ALBA 'BLUE RIBBON'.** Fall to winter. Will spread the season of Cynthia type flowers. Free flowering and fine growth habit.
1¾"—2.00 2½"—3.00 3"—5.00

2420 **C. GIGAS 'FRAU MELANIE BEYRODT' x Lc. CYNTHIA ALBA.** Both well known parents. C. Gigas 'FMB' flowers in the month of June and Cynthia in the Fall. Blooming season will be various. Will be free flowering.
1¾"—2.50 2½"—4.00

2651 **Lc. CALLISTOGLOSSA (C. Gigas FMB x L. Purpurata alba 'Orchidknoll').** July-August. Our customers requested a summer flowering white-colored lip hybrid. This cross will be free flowering and excellent growth habit.
1¾"—2.00

WHITE COLORED-LIP SPLASH PETALS

2645 **Lc. KIWI (C. Priscilla alba x C. Intermedia 'Aquinii').** Spring. See color photo of Aquinii page 8. This Priscilla has well marked splash petals which should be greatly enhanced by the beautiful Intermedia 'Aquinii'.
1¾"—2.50

2650 **C. ENID ALBA 'MANDARIN' AM-AOS x C. INTERMEDIA 'AQUINII'.** Winter to spring. The Enid alba 'Mandarin' has solid lip and is one of the parents of Lc. Mem. Haggie Hood. The Maggie Hoods have flowered with so many fine red-purple labellums. This mating with Aquinii should give some startling contrasts in splash petals. Not all seedlings will give splash petals. See color photos page 8 and 104.
1¾"—3.00

WHITE FLOWERS

1037 **C. CAMEO x Blc. NANETTE ALBA.** Winter-spring. Cameo flowers at Easter and Nanette in the fall. Some will come lavender and pastel shades, some should be white.
4"—7.50 5"—10.00-15.00

2080 **C. JOYCE HANNINGTON 'SEPTEMBER MORN'.** (Selfed). Fall and winter. Nothing finer in a
2305 white orchid. Has won many awards. Light-controllable for Christmas or Easter, as you want
2469 it. Seedlings grow vigorously. See color photo page 105.
1¾"—2.50 2½"—4.00 3"—6.00 Flowering size 15.00-30.00

2120 **C. PETITE SNOWQUEEN (C. Edithiae 'Snowqueen' x C. Snowsong 'Petite').** Midwinter bifoliate type with a bouquet of flowers. Heavy texture. See color photo page 8.
4"—7.50-10.00 5"—12.50-15.00 6"—20.00-25.00

2127 **C. PEACE VALLEY (C. Joyce Hannington x C. Ethel Leder 'Show Girl').** Leder is a fall cluster type of heavy substance. First results have produced unexpected large well shaped flowers.
4"—10.00-12.50 5"—15.00-17.50 6"—20.00-25.00

2160 **C. SUZANNE HYE (C. Gaskelliana alba x C. Mossiae 'Wageneri').** The June white that everybody has been waiting for. A fine Mossiae 'Wageneri' and a superior Gaskelliana alba.
3"—5.00 4"—7.50-10.00 5"—12.50-15.00 6"—17.50-22.50

2215 **C. JOYCE HANNINGTON 'JUNE MORN' x C. CAMEO 'MAYTIME'.** Spring-Various. This fine Hannington flowered in June and was mated with a gorgeous Cameo. Season could vary but many should flower in the Spring when whites are wanted. See color photo page 105.
2½"—4.00

2218 **C. MOSSIAE 'WAGENERI' x C. INTERMEDIA ALBA.** A spring counterpart to #2127. First flowering have produced tinted, white colored lip, or pale lavender. Very acceptable as cut flowers.
4"—7.50 5"—10.00-12.50

2227 **C. SNOWDON x C. JOYCE HANNINGTON 'SEPTEMBER MORN'.** Fall. Will produce whites for the early fall weddings. Vigorous grower with well formed flowers. See color photo page 105.
2½"—4.00 3"—6.00

2230 **C. SNOW JOY (C. Joyce Hannington 'September Morn' x Snowsong 'Stardust').** A Fall cluster type of heavy texture. Made with two marvelous proven parents. See color photo page 105.
3½"—7.50 4"—10.00 4½"—12.50 5"—15.00-17.50 6"—20.00-25.00

2236 **C. JOYCE HANNINGTON 'OCTOBER MORN' x C. SNOW ENDICOTT 'ALPHA'.** Fall. This should make a medium to large cluster type. The Snow Endicott is a hybrid between C. Snowsong (bifoliate) and the gorgeous C. S. E. Endicott 'The Queen'. The latter is difficult to breed. Heavy substance, fine shape expected. See color photo page 105.
1¾"—2.50 3½"—4.00

2254 **C. LOUIE Y. TOY (C. Edithiae 'Alberts' x C. Bob Betts 'March').** Spring. Should bring quality
2259 white flowers for March and April. Heavy substance and good formed flowers.
2½"—3.00 3"—5.00 3½"—7.50 4"—10.00-12.50 5"—15.00-17.50

2271 **C. OENONE ALBA x C. MOSSIAE 'WAGENERI'.** Spring. A back cross to a selected Wageneri. Should have the long spring season of Oenone with its fine keeping quality. Flowers will be of medium size.
3"—5.00

2282 **C. OENONE ALBA 'HONOR GIRL' x C. LOUISE GEORGIANA 'JUNE DEW'.** Spring. Another bifoliate white with clusters of heavy substance flowers. Georgiana flowers twice a year and this characteristic may influence this hybrid to flower more than once.
1¾"—2.00 2½"—3.00

2285 **C. SNOW PRINCE (C. Cameo Alba 'Delight' x C. Edithiae).** Spring. A remake of our #973. Using the same C. Edithiae that made our famous C. Bruno Alberts Alba. Flowers should be of good size and prolific flowering.
2½"—3.00 3"—5.00

2357 **C. CHRISTMAS ROSE (C. Joyce Hannington 'September Morn' x C. Oenone Alba 'Snowflake').** Winter and various. C. Oenone flowers over a long period and flowers remain a long time on the plant. Bred with September Morn a proven fine white results should be medium sized of heavy substance and good shape. Remake of our #1020. See color photo page 105.
1¾"—2.00 2½"—4.00 3"—6.00 4"—10.00

2364 **C. ALICE LINDSLEY (C. Barbara Billingsley 'Alpha' x C. Joyce Hannington 'September Morn').** Fall to Winter. One of the finest Barbara Billingsley ever flowered with a proven Joyce Hannington to give substance, form and free flowering in a season when fine whites are wanted. See color photo page 105.
1¾"—2.50 2½"—4.00

2423 **LAELIA PURPURATA ALBA 'CAPTAIN' x C. MOSSIAE WAGENERI 'JUNE'.** The all white Purpurata alba is rare. See photo. Purpurata may produce tinted offspring. This white form of Lc. Canhamiana will be a most welcome addition to the two other famous Canhamiana Alberts strains of white-colored lip and lavender. May and June flowering season.
1¾"—2.50 2½"—4.00
3"—5.00 3½"—7.50

#2423 LAELIA PURPURATA ALBA 'CAPTAIN'

2444 **C. ALBANIA 'ABINGTON' x C. BOB BETTS 'BEAUTIFUL'.** Spring. Albania is a hybrid of C. Harrisoniana x C. Obrieniana — a compact Spring white. Crossed with a magnificent Bob Betts should give a lovely Spring white with form and substance. Bifoliates are popular and this should be near the top of the Hit Parade.
2½"—5.00

2520 **C. COWANIAE ALBA x P. PURPURATA ALBA 'CAPTAIN'.** Late May and June. Whites are always scarce at this season. We have not flowered seedlings made with Purpurata alba 'Captain' and there is some chance of tinted lavender offspring. Captain shows no trace of color.
1¾"—2.00 2½"—3.50

2565 **C. BOB BETTS 'STARDOM' x C. EDITH DORP 'MARGO'.** Late Fall to Winter. Both fine whites — should give excellent results — heavy substance — good form and grower.
1¾"—2.50 2½"—4.00

ART SHADES—BRONZE, YELLOW, RED, UNUSUALS

Art shade hybrids have great variance of color. There is no way to predict which seedlings will be the most spectacular in color. From each of these Lc. Cardinal crosses will come a wide range of shades from purple to apricot and bronze. We hope you get good ones. See photo of Lc. Cardinal page 101.

2175 **Lc. HAROLDIANA x C. FORBESII.** Forbesii is a bifoliate species with cream flowers. Haroldiana is a gorgeous yellow. Should give small yellow blooms of Snowsong type.
3"—5.00 4"—7.50

2203 **C. TITRIANAE 'MANDARIN' FCC-AOS x Lc. CARDINAL.** Cardinal will impart rich color undertones to the Titrianae for late fall flowers. See color photo page 101.
3"—6.00 4"—7.50 4½"—10.00-12.50 5"—15.00-17.50 6"—20.00-25.00

2213 **Lc. ELINOR 'duPONT' x Lc. HAROLDIANA.** Spring. Elinor is a vivid solid orange and Haroldiana a rich yellow. Flowers will be narrow in petals and sepals and several to a spike.
2½"—4.00 3"—6.00 4"—10.00 4½"—12.50-15.00

2224 **Lc. PRINCESS MARGARET 'JEWEL' x Lc. CARDINAL.** Various. This cross was made in June. Cardinal often flowers Spring and Fall. Princess Margaret generally in the Fall. Cardinal will intensify the beautiful lavender P. Margaret. See color photo page 101.
3½"—7.50 4½"—12.50 5"—15.00 6"—17.50-25.00

2242 **Lc. HELEN WILMER 'MANDARIN' x Lc. CARDINAL.** Fall and Winter. This already rich colored Wilmer should be intensified by Cardinal. See color photo page 101.
2½"—4.00

2245 **C. GUTTATA 'LEOPOLDII' CLARET VAR. x SELFED.** Everyone seeing this beautiful Leopoldii var. Claret would like to have a division. By selfing a species you should reproduce the color of Claret wine. Bifoliate-flowers in cluster.
1¾"—3.00 2½"—4.00

2264 **C. SUPERBA fine type x C. GUTTATA 'LEOPOLDII' CLARET VAR.** Spring. This Leopoldii has the color of Claret wine and mated with an excellent Superba should give a grand bifoliate cluster of novelty colored flowers.
1¾"—2.50 2½"—4.00 3"—6.00

2265 **C. HYBRIDA x Lc. MIAMI 'JUNE'.** Spring. A bifoliate made with the first Cattleya hybrid onto fine Miami that has flowered year after year in June. Colors will be shades of lavender with darker lip.
2½"—4.00 3"—5.00 4"—7.50-10.00 5"—12.50-15.00

2269 **Lc. ELINOR 'duPONT' x Lc. HENRIETTA JANE DANE 'CHROME'.** Spring. Elinor is a solid
2156 orange and Henrietta Jane Dane has yellow sepals and petals with rose-red lip. See color photo page 5.
2½"—4.00 3"—6.00

2273 **Lc. HENRIETTA JANE DANE 'GOLD DUST' x Lc. HENRIETTA JANE DANE 'CHROME'.** Spring. See color photo pages 5. The H. J. Danes flower with us May and June when there are few large flowering yellows. No spade lips in this cross. Labellums are rich burgundy with gold veining in throat and the sepals and petals a golden yellow.
2½"—5.00

2286 **Lc. MEDON 'CARDINAL' x Lc. HAROLDIANA 'YELLOW BIRD'.** Various. We have flowered beautiful art shade colors from this type of cross. Medon was one of the parents of Lc. Autumn Symphony that gave such an array of colors.
2½"—4.00 3"—6.00

2296 **Blc. LYRANDA x Lc. CARDINAL.** Summer-Fall. Lyranda is a tetraploid yellow to give substance
2237 and shape. Cardinal helps to give the lovely colors we call art shades. See color photo page 101.
1¾"—2.50 2½"—4.00 3"—6.00

2320 **C. HENRIETTA JAPHET x C. AURANTIACA.** Various. Aurantiaca is a bifoliate species with clusters of small orange flowers. Japhet is a medium sized white. Should produce interesting pastel colors with many flowers per spike.
1¾"—2.00 2½"—3.00

2322 **Lc. CHARLESWORTHII x Lc. MIAMI 4n 'GLORY'.** The orange-red Charlesworthii should intensify the already very dark Miami 'Glory. Made in December. See color photos pages 12 and 101.
2½"—4.00 3"—6.00 3½"—7.50 4"—12.50-15.00

2323 **Lc. CARDAMI. (Lc. Miami 4n 'GLORY' x Lc. Cardinal).** The brick red Cardinal with the red velvet Tetraploid Miami 'Glory' should give rich coloring of Fall foliage. Made in December. See color photos pages 12 and 101.
2½"—4.00 3"—6.00 4"—10.00 4½"—12.50-15.00

2332 **C. MEMORIA BLEUII (Granulosa x Aclandiae).** Made in May between two desirable species. Both have thick substance with blotches of maroon. Bifoliate.
1¾"—3.00 2½"—4.00 3"—6.00

2349 **C. LEONA BLOOM (C. Loddigesii x C. Tango 'Stoplight').** The Loddigesii was a dark selection from a 3rd generation of selfing to intensify color. The Tango has color galore and has passed color to its offspring. A bifoliate made in May to give color and substance.
2½"—3.00 3"—5.00 4"—10.00 4½"—12.50-15.00

2360 **Lc. LUMINOSA AUREA x Slc. ROMONA.** Cross was made in March. Luminosa aurea has yellow sepals and petals with a bright red-purple labellum. There will be no spade lips in this cross. Should give a rainbow of colors. See color photo page 105.
2½"—5.00

2365 **C. SUPERBA x C. HARRISONIANA 'ESPIRITO SANTO'.** Everyone admires these two Spring flowering species. Will give clusters of heavy substance flowers. Bifoliate.
1¾"—2.50 2½"—4.00

2372 **Lc. ROGER SANDER x Lc. CARDINAL.** Made in the Spring. Roger Sander has a bronze overtone. Attempt to bring art shades into the Spring season. See color photo page 101.
2½"—4.00 3"—6.00

2377 **C. HARRISONIANA 'ESPIRITO SANTO' x C. TANGO 'STOPLIGHT'.** Made in the Spring to give a bifoliate with dark color. Both parents are eye catchers.
2½"—3.00 3"—5.00 3½"—7.50

2470 **Lc. CHARLESWORTHII x Lc. CARDINAL.** Here is a cross you dream about. Tomato paste red in both parents. The Charlesworthii gives clusters of reddish flowers on a long stem in midwinter. Cardinal flowers the same time and many times twice a year. See color photo page 101. of Lc. Golden Flame which is very similar to Charlesworthii.
1¾"—3.50 2½"—5.00 3"—7.50

2495 **Lc. MIAMI 'GENERAL MARSHALL' x Lc. CHARLESWORTHII.** Made on New Years day with the promise of a bright future. Miami 'General Marshall' has proven a worthy parent color and substance. Charlesworthii should aid the red tones.
1¾"—2.50 2½"—4.00

2502 **Lc. HAROLDIANA 'YELLOW QUEEN' x Lc. CHARLESWORTHII.** Cross was made May 1st with pollen from Charlesworthii that flowered in Feb. Charlesworthii is an orange red, small-flowered cluster type. The Haroldiana has bright yellow sepals and petals, magenta labellum. Offspring should be free of deformities and free flowering.
1¾"—2.50

2637 **C. AURANTIACA SELFED.** Feb. and March A very handsome brilliant clear orange species of cluster types. Flowers 3 inches across. Bifoliate.
1¾"—2.00

2768 **C. DOWIANA AUREA.** This beautiful specie from Colombia is the basis of the rich, velvet labellums in our modern hybrids of both dark lavenders and white with colored lips. The sepals and petals are golden yellow and the labellum is rich velvet burgundy with gold veins in the throat and labellum. Flowers in May-June-July. Robust grower.
1¾"—2.50 2½"—4.00

2795 **C. GUTTATA 'LEOPOLDII' CLARET VAR. x C. TANGO.** This should make a richly colored heavy substanced cluster of flowers in the Spring months. Tango is a color carrier and flowers Spring and summer. Flowers should be maroon, red to bronze.
1¾"—2.50 2½"—4.00

2976 **C. GUTTATA 'LEOPOLDII' x BROUGHTONIA SANGUINEA.** This should produce an interesting bi-generic.
1¾"—2.50

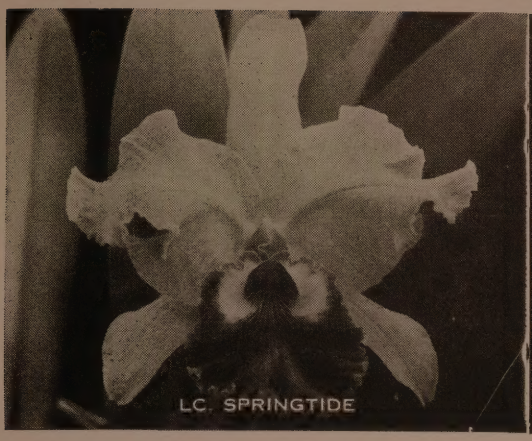
Mature Cattleya Hybrids

All of the following plants are flowering size. The price is determined by the number of bulbs and the size of the plant, and the number of sheaths. Plants will be sent in sheath when ordered just prior to flowering time. We do not quote mature plants by pot sizes as we think this is misleading due to the different growth habits of the varieties. For instance, a plant with long rhizomes might have only 4 bulbs in a 5-inch pot where a plant with short rhizomes might have 6 bulbs in the same size pot. MINIMUM PRICE IS FOR 4-5 BULB PLANT. We have additional varieties not listed. Write us if there is something special you want. Many of these plants are of exhibition quality and have won awards in shows all over the country. If you wish selected plants for exhibition write us for prices.

WE DO NOT SELL BACK BULBS.

LAVENDER

22 **C. MARCELIANA (C. Ballantineana x C. Trianae).** October-December. Fine form, closed throat, dark purple lip, light lavender sepals and petals. A fine free-flowering Cattleya cross made by Mr. Alberts to lengthen the season of Ballantineana.
12.50-15.00-18.00-20.00



#709. SEE BELOW **#200 BC. CLIFTONII 'MAGNIFICA' FCC-RHS**

25 **C. BALLANTINEANA 'ALBERTS' (C. Trianae 'Edgar Knight' x C. Gigas).** September-November. Deep purple throat, rosy-lavender sepals and petals. Free-flowering.
12.50-15.00-18.00-20.00

91 **Bc. IMPERIALIS (Bc. Cliftonii 'Magnifica' FCC-RHS x C. Mossiae, fine var.).** Very similar in appearance to Cliftonii. Spring. See photo above.
4-5 bulbs—15.00 5-6 bulbs—20.00-25.00

99 **C. PERCIVALIANA 'ALBERTS'. November-December.** Finest variety known.
4-5 bulbs—15.00 5-6 bulbs—25.00

150 **Lc. GERALDINE THOMPSON (Lc. Jaoquinetta x C. Trainae).** Fall.
12.50-15.00-18.00-22.50

200 **Bc. CLIFTONII 'MAGNIFICA' FCC-RHS.** Spring. These plants are actual divisions of the Cliftonii which won the FCC from the RHS in England many years ago, and is still considered one of the finest spring Brassocattleya crosses. See photo above.
4-5 bulbs—25.00 6-8 bulbs—35.00

567 **Blc. ESTORY (Bc. Nestor x Lc. Hilary FCC-RHS).** Large fall flowering Brasso from dark to medium lavender.
18.00-25.00-27.50-35.00

594 **Blc. DAWN GLOW (Blc. Dawn Angela x Lc. Hilary FCC-RHS).** A very dark fall hybrid with excellent parents.
20.00-25.00-30.00-40.00-50.00

603 **Lc. HAMILTON MASON (C. Maggie Raphael x Lc. Ishtar FCC-RHS).** Flowers of this cross have been show quality — dark fall hybrid.
20.00-25.00-30.00-40.00-50.00

604 **Blc. GRANDEUR (Blc. Henry Stock x Lc. Ishtar FCC-RHS).** All the name implies — dark fall hybrid.
20.00-25.00-30.00-40.00-50.00

620 **Blc. LYMAN C. Hall (Lc. Ernest B. Dane x Bc. Princess Patricia).** Both perfect parents. From dark to medium, fall hybrid. Some will flower thru winter.
15.00

709 **Lc. SPRINGTIDE (Lc. Red Oak x C. Dupreana).** One of the darkest spring and early summer hybrids. See photo above.
4-5 bulbs—20.00 6-8 bulbs—25.00-35.00

717 **Lc. MEM. H. A. TRACY (Lc. Canhamiana 4n 'Alberts' x C. Hardyana).** April-May.
1 lead plant, 3-4 bulbs—15.00 With sheath—20.00
2 lead plant, 3-4 bulbs—25.00 With sheath—35.00

#764 LC. MIAMI

724 **Bc. IMPERIAL (Bc. Imperialis x C. Hardyana).** Late fall to early spring. Large flowers, deep sepals and petals with crimson Brasso lip.
10.00-12.50-15.00-20.00-25.00-30.00

728 **Lc. NELLIE COHEN (Lc. Canhamiana 4n 'ALBERTS' x C. Ballantineana 'Alberts').** April-May.
1 lead plant, 3-4 bulbs—15.00 With sheath—20.00
2 lead plant 5-7 bulbs—25.00 With sheath—35.00

764 **Lc. MIAMI (Lc. Miami 4n 'Glory' x Lc MIAMI 'Magnifica').** A glorious fall hybrid (September through December). Lc. Miami (Lc. Runah x Lc. Sargon). Two of the finest varieties of this famous cross were used in this mating. The uniform quality of the Miami hybrids has given excellent results. Flowers are large and heavy textured, dark color with butter yellow eyes in throat and broad, ruffled lips. Plants are vigorous and free flowering. Double growth habit spreads flowering season over many months. See photo above.
Many of these have been exhibition quality.
20.00-25.00-35.00-40.00—Selected $50.00 up

765 **Lc. MOTT H. PARTIN (C. Enid 'Magnifica' x Lc. Hyperion 'Mandarin').** December-March. Another fine mid-winter bloomer. C. Enid 'Magnifica' has an unusual richness of color. It is a proven parent. Lc. Hyperion 'Mandarin' (Lc. General Maude 'Victory' x C. Leda) has excellent form and texture with uniform color and dark lip. The flowers are of excellent quality. See photo page 105.
12.50-15.00-17.50-20.00-22.50-25.00—Selected $50.00 up

766 **Blc. SANFORD (Lc. Cantara x Blc. Francis Lamb).** Winter-spring. Lc. Cantara (Lc. Sargon x Lc. Valencia) is an outstanding modern hybrid similar to Lc. Miami, blooming fall to winter. Blc. Francis Lamb is an exceptional Brasso of good form and color which flowers winter to spring. A seedling of this cross won an Award of Merit in 1955. See color photo page 108.
17.50-20.00-22.50-25.00-30.00-35.00—Selected $50.00 up

768 **Blc. FLEUR de LIS (Lc. Helen Wilmer 'Superba' x Bc. Imperialis 'Crown').** Jan.-Mar. The large bright ruby lip is ruffled and many have deep yellow eyes. Sepals and petals broad and erect. Flowers are superb.
15.00-17.50-20.00-25.00

#809 LC. MARY NOBLE

#781 BLC. IVY MERKEL
(Both first flowering)

776 **Lc. ROBERTA OFF (C. Enid 'Mandarin' x Lc. Helen Wilmer 'Mandarin').** Winter-spring. A fine, dark Enid crossed with our excellent Wilmer. Has form, color, floriferousness and strong growth. Especially recommended.
15.00-17.50-20.00-25.00—Selected 50.00 up

781 **Blc. IVY MERKEL (Bc. Imperialis 'Majestic' x Lc. Florida).** Late fall, winter. Flowers from Thanksgiving until Valentine's Day. Show quality. See photo above.
15.00-17.50-20.00-25.00

793 **Lc. MARY NOBLE (C. Enid #250 x Lc. Miami).** Various. Flowers are large and have fine shape, heavy texture, good rich color. Plants grow vigorously.
12.50-15.00-20.00-22.50-25.00

799 **Lc. SYMPHONY (Lc. Florida x Lc. Frank J. Lind).** Fall, winter. Lc. Florida has the same exceptional qualities as Lc. Miami. Lind has a perfectly round shape and dark color. It is not free-flowering, but combined with free-flowering Florida has produced ideal results.
17.50-20.00-25.00

809 **Lc. MARY NOBLE (C. Enid 'Golden West' x Lc. Miami).** Various. When a very fine Enid is used the results are almost invariably good provided the other parent is a tested breeder. The Lc. Miami helps give an abundance of very fine flowers, mostly in the winter. See photo above.
15.00-17.50-20.00

810 **Lc. EMMIE LIVINGSTON (C. Clotho 'Rosea' x Lc. Miami 'Silver Bowl' FCC-AOS).** Fall thru winter. Repeated with another Clotho because of its excellent promise. Clear rosy color, very fine shape, very dark lip, yellow eyes, heavy texture.
12.50-15.00-17.50-20.00

817 **Blc. MICHAEL PEARSON (Blc. Dawn Angela x C. Trianae 'A. C. Burrage').** Fall and winter. Unusually fine shape, large flowers, varying tones of light to dark lavender.
12.50-15.00-17.50-20.00-25.00-30.00

824 **Lc. MEM. ERNEST B. DANE x C. TRITRIANAE.** Winter. The Dane parent is a cross of Lc. Cassandra FCC with Lc. Erica 'Model' FCC.
10.00-15.00-17.50-20.00

911 **Lc. YULETIDE (C. Clotho 119 strain x Lc. Florida.** Fall thru winter. Florida is unusually dark, heavy-textured and long-lasting. A fine Clotho was used to fix the flowering to the Christmas season.
15.00-17.50-20.00-22.50

932 **C. EDITH BARRUS (C. Princess x C. Ruby).** Fall, winter. Princess is a large bold flower of heavy texture that flowers regularly during December. Color is uniform lavender in sepals and petals, labellum is deep rose and ruffled. Ruby has the darkest maroon sepals and petals imaginable and blooms twice a year. Some of these seedlings have dark flowers, some are white-colored-lip.
15.00-17.50-20.00-25.00

962 **Lc. IVY MERKEL (C. Titrianae 'Santa' x Lc. Miami 'Silver Bowl' FCC-AOS).** Late fall. Should give production of large flowers of rich color and heavy texture.
15.00-17.50-20.00-25.00

1000 **Lc. LOIS PARTIN (Lc. Jacquinetta 'Fort' x Lc. Florida 'Alberts').** Fall and various. Jacquinetta 'Fort' is a famous breeder of fine offspring. It gives freedom of flowering on each growth no matter what season. Florida 'Alberts' has excellent form, texture and glowing maroon-purple color. Seedlings are good growers.
7.50-12.50-15.00-20.00

1001 **Lc. O'DELL MORGAN (Lc. Sarasota x Lc. Jacquinetta 'Helena').** Fall, winter. Should bloom on each new growth and have an abundance of flowers. May give some unusual colors because of the bronze overtones in Sarasota.
10.00-12.50-15.00-20.00

WHITE-COLORED-LIP

C. LORANORE ALBA 'IVY' (C. Lorna x C. Eleanore). Divisions offered are from one clone. The sepals and petals are a satin white and the labellum is a velvet solid red with yellow eyes and white ruffled edge. Flowers in June. Very heavy substance. See photo page 14.
75.00 (4-5 bulbs)

100 **Lc. CANHAMIANA ALBA (ALBERTS STRAIN) (L. Purpurata 'Orchidknoll' x C. Mossiae 'Reineckiana' Young's var.).** May-June. Limited number. Conceded to be one of the finest strains of this famous white-colored-lip cross.
20.00-25.00

212 **Lc. BRITANNIA ALBA (Lc. Canhamiana alba x C. Gigas 'F.M.B.').** Fall to spring. An outstanding white-colored-lip strain of Mr. Alberts'. Sepals and petals satin white. Lip very dark often with white ruffle.
12.50-15.00-20.00-30.00-35.00

610 **C. GIGAS 'F.M.B.'** The only white-colored-lip Gigas in the world that breeds white-colored-lip. F.M.B. stands for Frau Melanie Beyrodt, the name of this variety.
4-5 bulbs—50.00

783 **Lc. ANITA YOUNG (C. Labiata 'Charlesworthii' AM x Lc. Cynthia 'Grandis').** Sept.-Nov. Flowers when WCLs are generally scarce. Light-controllable for Christmas. The Labiata Charlesworthii has clear white sepals and petals with a red lip and is free-flowering. Cynthia 'Grandis' is a superior, heavy-textured WCL. See photo page 14.
15.00-17.50-20.00-25.00

826 **Lc. CLARA SCHRIEVER (C. Raphaelaurea x Lc. Jane Dane).** Fall and winter. This cross has yielded very superior white sepals and petals with a rich colored labellum and gold areas in the throat.
15.00-17.50-20.00-25.00

833 981 **C. ENID ALBA (C. Mossiae 'Reineckiana' Young's var. x C. Gigas 'F.M.B.').** A famous cross made with proven superb parents. The first-flowering offspring have already taken many prizes at orchid shows. See photo page 104.
10.00-12.50-15.00-20.00-25.00

950 **Lc. NANCY BERQUIST ALBA (L. Purpurata 'Orchidknoll' x C. Enid alba 'Mildred').** Spring. This cross is a combination of 3 famous breeders: L. P. 'Orchidknoll', Mossiae 'Rein'. Young's var.; Gigas 'F.M.B.' Some will be tinted lavender on sepals and petals. It has made a cross superior to even the best Canhams. These seedlings are robust growers and as all the parents are the most productive of all the species they are very free-flowering.
17.50-20.00-25.00-35.00

1030 **Lc. AENEID (C. Fabianid x Lc. Britannia alba).** Various. Lc. Aeneid is a remake of an excellent W-C-L cross that has predominantly ruby lip and yellow eyes. Very free-growing and free-flowering. Can bloom at any season. #1022 is the same cross.
12.50-15.00-17.50-20.00-22.50

WHITE FLOWERS

371 **C. JOYCE HANNINGTON (C. Barbara Dane 'Perfection' x C. Snowdon 'Mutchs').** Divisions of the original cross from the E. B. Dane Estate. Clones of this cross have won awards around the world. C. Joyce Hannington as a parent has no peer. Many of the named and awarded clones are counted tetraploids. See color photo page 105.
50.00-75.00 Selected or Named Varieties 75.00 up

462 **C. EDITH DORP ALBA (C. Ethel Bishop x C. Helen P. Dane).** November-December. Very free flowering late fall white. Robust grower.
12.50-15.00-17.50-20.00-22.50-25.00

483 **C. EMILE GESCHICK ALBA (C. Helen P. Dane x C. Bebe White).** November-December. A good pure white at the holiday season.
10.00-12.50-15.00-17.50-20.00-22.50

489 **C. EUCHARIS ALBA (C. Cowaniae x C. Mossiae 'Wageneri').** Spring white.
12.50-15.00-20.00

727 **C. CAMEO ALBA (C. Cybele alba x C. Mossiae 'Wageneri').** Easter. A fine white of vigorous character.
15.00-20.00-25.00-30.00-35.00

735 **C. BRUNO ALBERTS ALBA (C. Souvenir de Louis Sander x C. Joan Manda).** Free flowering. White with gold throat. Large flowers. Vigorous. Nov.-Jan.
20.00-25.00-30.00-35.00 — Selected 40.00 up
3-4 bulbs (front divisions) 12.50-15.00

737 **C. ANN ALBERTS (C. Souvenir de Louis Sander x C. Edithiae).** Winter to spring. A fine white.
15.00-20.00-25.00-30.00-35.00

758 **C. NIMBUS ALBA (C. Cybele x C. Cowaniae).** A spring flowering pure white with yellow throat. Good size flowers and texture.
12.50-15.00-17.50-20.00-25.00

Blc. Nanette alba is used as a parent in several of the following crosses. This is an outstanding white Brasso. However, Nanette does not invariably produce white offspring. Some are lavender, some pastel, some white-colored-lip, some white. Quality and size are always fine with flowers over a long period. Therefore, even though these seedlings are listed under "white flowers," some of them of Nanette parentage will vary in color, and of course we cannot predict in the case of an unflowered plant.

814 **Blc. NANETTE ALBA x C. ELLA MAY SUTTON.** Various, generally fall and winter. Fine large flowers. White, lavender, white-colored lip.
5"—15.00 5½"—17.50 6"—20.00-25.00-30.00
Selected pastel or white-colored-lip—35.00-50.00

821 **Blc. KATHLEEN KOCK (Blc. Nanette alba x C. Barbara Dane 'Perfection').** Fall. This Barbara Dane is the parent of the marvelous C. Joyce Hannington. Crossed with Blc. Nanette alba the results may confidently be expected to be superior. White, lavender, white-colored-lip.
5"—15.00 5½"—17.50 6"—20.00-25.00-30.00

823 **Blc. DOROTHY JONES (Blc. Nanette alba x C. White Empress, FCC).** Winter and spring. The same Nanette but crossed with White Empress to extend the flowering season into winter and early spring.
5"—15.00 5½"—17.50 6"—20.00-30.00
Selected pastel or white-colored-lip—35.00-50.00

921 **C. KATHLEEN (C. Snowsong #8 x C. Lady Joan 'Model').** Fall to winter. Produces several flowers 4 to 5 inches wide in a cluster. Heavy texture, glistening white with yellow eyes.
5"—15.00 5½"—20.00

WATCH OUR ADS in the American Orchid Bulletin, Flower Grower, Popular Gardening and other garden magazines for special sales and additional listings. See special offer pages 24 and 51 this catalog.

CYPRIPEDIUMS
(Lady Slipper Orchids)

FLOWERING SEASON NOVEMBER THRU MARCH

The mottled leaf Cypripediums are generally considered warm growing types. However, we have now proven that many of the so-called cool types (plain green leaves) if hybrids with at least one parent of the warm type will grow well in a warm climate. Cypripediums are happy companions with Phalaenopsis. They like to be grown moist.

Cypripediums quoted are all flowering size in 4 to 6 inch pots. Please give at least one alternate choice with each selection.

See Bargain Collection offer page 51

C. MAUDIAE VAR. MAGNIFICUM FCC-RHS

C. ATHOL HOUSE. Pouch brownish yellow — petals greenish brown and spotted **17.50-20.00**

C. ETTYI 'QUEEN OF ITALY'.
A medium sized white flower **10.00-15.00**

C. HARRISIANUM SUPERBUM VAR. G.S. BALL FCC. Dorsel sepal is mahogany red with white margin. Sepals and petals mahogany red, very beautiful flower. Single division **30.00**

C. MAUDIAE VAR. MAGNIFICUM FCC-RHS (Callosum var. Sanderae x Lawrenceanum var. Hyeanum.) One of the finest of the mottled leaf warm house Cyps. Dorsal beautiful white background with nile green veins, pouch and petals green. Often flowers twice a year. Should be in every collection. See photo above **10.00-12.50-15.00-18.00**

C. OAKES AMES (Ciliolare x Rothschildianum) an old favorite flower purple veins and white background. **12.50**

C. ORION — very unique flower with spots in bar formation of chocolate maroon. Base color of flower white, single division. **15.00**

HYBRID CYPRIPEDIUMS — UNNAMED. Easily flowered. Sturdy growers. Good pot plants for display and for beginners to learn Cypripedium culture.

Flowering Size: 7.50 each or two plants for $12.00

5.00 each for a collection of 10 plants — $50.00

COLOR SLIDES

We have collections of 35 mm. Kodachrome transparency slides on orchids and tropical foliage plants which we shall be glad to loan to orchid societies or garden clubs for programs if you pay return postage charges. Allow two or three months for scheduling.

Cattleya With Buds $9.45

One mature lavender Cattleya (large corsage flowers) plant with buds to bloom in few weeks. $9.45 postpaid continental USA. (Includes Special Delivery or Special Handling). Not available 3 weeks before Christmas, Easter or Mother's Day.

Spray Orchids

DENDROBIUM NOBILE

DENDROBIUM PHALAENOPSIS

Dendrobium Phalaenopsis

FLOWERING SEASON — AUGUST THRU NOVEMBER
Culture instructions will be sent with orders.

DARK PURPLE

601 **D. LADY CONSTANCE (D. Orchidwood x D. Phalaenopsis 'Giganteum').** A repeat cross of an excellent hybrid. Very large dark flowers. Fall.
3"—7.50 3½"—10.00

639 **D. LADY HAMILTON (D. Phal. Dixon's Dark x D. Diamond Head Beauty).** Repeat cross of #282-284. A fine dark hybrid which we originated several years ago. Many have flowered with dark crimson purple thruout the flower. Shipped in bud August 15th thru Sept. 1st.
2½"—4.00 3"—7.50-10.00

D745 **D. LADY HAMILTON x D. HELEN FUKUMURA.** Should be fine shaped dark flowers.
2½"—3.50-5.00 3"—7.50

897 **D. LADY HAMILTON 'SUSAN' x (D. Phal. 'Dixon' FCC x D. Lady Constance).** Both are superb parents. Colors should be very dark and fine shape.
1¾"—2.00 2½"—3.50-5.00 3"—7.50

D914 **D. HAWAIIAN BEAUTY (D. Phalaenopsis Dixon x D. Lady Hamilton 'Alpha').** One of the original Dixon strains with darkest strains of Lady Hamilton. See color photo page 12.
2½"—3.50-5.00 3"—7.50

D915 **D. HAWAIIAN BEAUTY (D. Lady Hamilton dark var. x D. Phalenopsis Alba 'Bedford' FCC).** Introducing white into a dark variety should give lovely pastel colors.
3"—7.50

D921 **D. HELEN FUKUMURA (D. Lady Constance x Dixon) x D. LADY CONSTANCE 'BOYNTON COLOSSUS'.** Very large good shaped dark flowers.
2½"—3.50-5.00 3"—7.50

D927 **D. LADY HAMILTON 'RED START' x D. HELEN FUKUMURA (D. Lady Constance x Dixon 'Torch')** Dark iridescent purple color. Fine shape.
2½"—3.50-500 3"—7.50

D1016 **D. LADY HAMILTON 'ROYAL' x D. LADY HAMILTON 'ALPHA'.** Two very dark iridescent types. See color photo on page 12.
1¾"—2.00 2½"—3.50-5.00 3"—7.50-10.00

D1017 **D. LADY HAMILTON 'ANGUS' x D. LADY HAMILTON 'ALPHA'.** Both are very dark velvet maroon. Angus has a very superb nearly square shape. See color photo page 12.
2½"—3.50-5.00 3"—7.50

D1018 **D. LADY HAMILTON 'BIG BOY' x D. LADY HAMILTON 'ALPHA'.** Big Boy is what the name implies but still excellent dark color. Should introduce size so often lacking in the darker strains. See color photo page 12.
2½"—3.50-5.00-6.00 3"—7.50

D1019 **D. LADY CONSTANCE 'SILVER AWARD' x D. LADY HAMILTON 'ALPHA'.** Silver Award has a lovely long arching spray with dark flowers of sparkling texture. Color photo page 12.
2½"—3.50-5.00 3"—7.50

DELICATA TYPE

D285-286 **D. PHALAENOPSIS 'JO-ANNE' x D. PHALAENOPSIS 'ROSELAWN'.** Fall-blooming spray orchids. Longest lasting of all Dendrobium flowers (2-3 months). These two parents have the largest flowers of any D. Phalaenopsis. Colors are lavender and beautifully two-toned.
Flowering size 3"—5.00-7.50-10.00

D399 **D. PHALAENOPSIS ALBA 'BEDFORD' FCC x D. BIGIBBUM ALBA.** D. Bigibbum alba is an albino from a selfed lavender parent. D. Phal. alba 'Bedford' FCC is a proven white breeder. Will flower near white and light lavender. See photo page 25.
3"—4.00 4"—6.50

WHITE

D362 **D. SCHRODERIANUM ALBA x D. MAUNA KEA.** A fine white cross.
3"—7.50-10.00

D1001 **D. PHALAENOPSIS ALBA 'BEDFORD' FCC x SELFED.** We have selfed this plant several times. See photo page ____.
2½"—5.00 3"—7.50-10.00

Dendrobium — Nobile Types

Culture instructions will be sent with orders.

LAVENDER FLOWERS

D. NOBILE — This is a beautiful spring-flowering orchid from Burma. It has been a favorite in orchid collections since the early 1880's. The flowers are lavender with deep purple eyes. Flowers 2-3" across. Flowers January thru April. Keep plants cool and dry during late fall and early winter, then begin watering again in January to start buds. Delay watering on different plants for a succession of flowers. See photo page 25.
Offsets (potted—3.00-4.00
Flowering size—5.00-7.50-10.00-15.00

NOBILE HYBRIDS
Offsets potted of selected fine Nobile type flowers. Some are named, others are not. Most will flower in one year. (Merlin-Ronale, Etc.)
5.00-7.50-10.00-15.00

D861 **(D. Merlin x D. Ronale) x D. GATTON MONARCH 'KING'.** Fine deep color.
1¾"—3.50 (Large plants) 2½"—3.50-5.00

D991 **D. ANOSUM (Superbum) dark variety x D. ANOSUM (Superbum) fine variety.** This should produce a superior strain of lavender superbum. When in flower it is breath-taking in the Spring.
1¾"—2.00 3"—5.00 4"—7.50-10.00

WHITE FLOWERS (DENDROBIUM)

D860 **D. NOBILE 'VIRGINALE' x SELFED.** Pure white form of Nobile.
1¾"—2.50 2½"—5.00

D867 **D. SUPERBUM DEAREI** — Spring. An exciting pendant dendrobium. Canes two to four feet long. Flowers are pure white — 3 to 4 inches across and emerge from the nodes generally in pairs. Very fragrant and the lip is heavily pubescent. Grow in small pots.
3"—7.50 4"—10.00-15.00-20.00

YELLOW FLOWERS (DENDROBIUM)

DENDROBIUM AGGREGATUM 'MAJUS'. This dwarf growing Dendrobium flowers like sprays of golden coins (size of a quarter) in the early spring. When growth is completed in Fall run on dry side until flower spikes appear.
3"—5.00

D. BARBARA GITTENS (D. Moshatum x D. Clavatum) — Deep yellow sepals and petals with maroon-purple blotch base of lip. Fragrant. Early summer flowering.
Flowering size—8.50-12.50-15.00

Phalaenopsis "Moth Orchids"

FLOWERING SEASON — JANUARY THRU APRIL

PHALAENOPSIS DORIS 4N 'REBECCA' AM-AOS #1052 - 1053 - 1055

WHITE HYBRIDS

720 **P. KAREN 3N (P. Avalanche 'Orchidhall' x P. Doris 4N 'Rebecca' AM-AOS).** Two fine whites. Avalanche has heavy substance.
4"—7.50 5"—10.00-12.50 6"—15.00-20.00-25.00

831 **P. SPRINGTIME x P. CHIEFTAIN 4N 'SUPERBA'.** Our Springtime is excellent. Will produce the best we all want.
4"—7.50 5"—10.00-12.50 6"—15.00-20.00-25.00

844 **P. CHIEFTAIN 4N (P. Chieftain 'Lodestar' x P. Chieftain 'Diamond').** Everybody who likes Phalaenopsis asks for Chieftain. So here are two fine varieties crossed to answer your prayers.
4"—7.50 5"—10.00-12.50-15.00 6"—17.50-25.00

853 **P. CHIEFTAIN 4N x P. LOUISE GEORGIANA.** Long lasting and good form.
4"—7.50 5"—10.00-15.00 6"—17.50-25.00

854 **P. MARTHA 'CHARITY' x P. LOUISE GEORGIANA.** Martha is a Doris hybrid. Georgiana has heavy substance. A happy combination.
4"—7.50 5"—10.00-15.00 6"—17.50-25.00

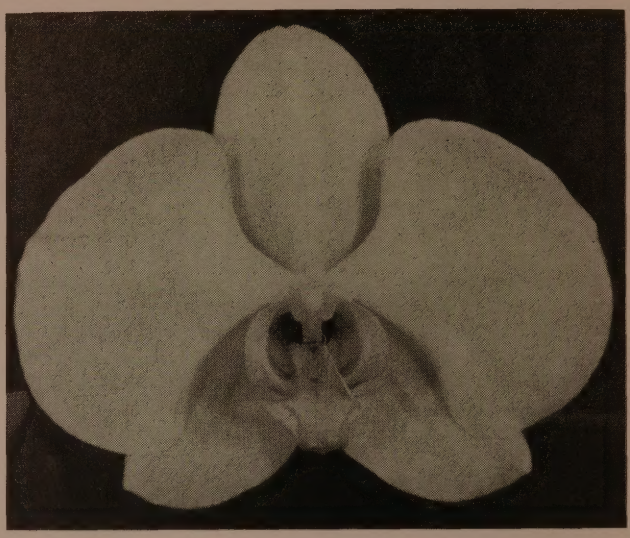
954 **P. KAREN 'IDEAL' x P. BOBBY BOY 'GIGANTEA'.** 'Ideal' is all the word implies and Gigantea was over 5½" spread.
3"—5.00 4"—7.50-10.00 5"—10.00-15.00 6"—17.50-25.00

WHITE CAST IRON MONARCH HYBRIDS "Polyploids" (5N x 4N)

1052 **P. LAKE WORTH (La Fleur Blanche 5N x Doris 4N 'Rebecca' AM-AOS).** The pentaploid Blanche with the tetraploid Doris will give size and substance in white Phalaenopsis beyond expectation.
4"—7.50-10.00 5"—12.50-15.00 6"—17.50-25.00

1053 **P. LOUIS MERKEL (Mary Lou Stoddard 5N x Doris 4N 'Rebecca' AM-AOS).** Another happy union of polyploids. Perfect for exhibition or cut flowers.
4"—7.50-10.00 5"—12.50-15.00 6"—17.50-25.00

1054 **P. FEDERAL MONARCH (Joanna Magale 5N x Palm Beach 5N).** The best of the new tetraploids with pentaploid Cast Iron Monarch should be top hat. It is hard to beat compound interest.
2½"-3.50 3"-6.00 4"-7.50-10.00 5"-12.50-15.00 6"-17.50-25.00



PHALAENOPSIS JOANNA MAGALE 5n
(Cast Iron Monarch x Chieftain)

1055 1127 **P. BOYNTON (Joanna Magale 5N x Doris 4N 'Rebecca' AM-AOS).** Size and substance all the way.
1¾"—2.00 2½"—3.50 3"—6.00 4"—7.50-10.00 5"—12.50-15.00 6"—17.50-25.00

1056 **P. IVY MERKEL (Mary Lou Stoddard 5N x La Fleur Blanche 5N).** Two giant white pentaploids mated for the ultimate in white Phalaenopsis.
1¾"—2.00 2½"—3.50 3"—6.00 4"—7.50-10.00 5"—12.50-15.00 6"—17.50-25.00

CAST IRON MONARCH PHALAENOPSIS PARENTAGES
P. LA FLEUR BLANCHE (Aphrodite x Cast Iron Monarch) 5N
P. MARY LOU STODDARD (LOUISE GEORGIANA x Cast Iron Monarch) 5N
P. JOANNA MAGALE (Chieftain x Cast Iron Monarch) 5N See photo above.
P. PALM BEACH (Doris x Cast Iron Monarch) 5N

1109 **P. MARTHA x P. JOANNA MAGALE 5N (Cast Iron Monarch x Chieftain).** This cross was made to increase the overlapping of the top sepal and petals of Joanna Magale by using Martha. The latter is a cross of Doris and Elizabethiae and well known fro giving fine form.
4"—7.50-10.00 5"—12.50-15.00

1114 **P. MARTHA 'BEAUTY' x P. JOANNA MAGALE 5N (Cast Iron Monarch x Chieftain).**
2¼"—2.00 3"—5.00

1117 **P. GOLETA x P. PALM BEACH 'GERTRUDE' (Doris x Cast Iron Monarch).** A superb white pentaploid Palm Beach 'Gertrude' with flower spread of 4⅛" with a fine Goleta (flower spread 5½").
2¼"—2.00 2½"—3.50 3"—5.00

1123 **P. MARTHA 'LANCASTER' x P. PALM BEACH 'GERTRUDE'.** See descriptions above.
2¼"—2.00 2½"—3.00 3"—5.00

1125 **P. SERENITY BEACH (P. Palm Beach 'Gertrude' x P. Serenity).** Serenity has a flower spread of 4 9/16". Both parents are outstanding.
2½"—3.50 3"—5.00 4"—7.50-10.00

1126 **P. WINGED VICTORY x P. JOANNA MAGALE 5N.** Should produce an excellent polyploid white.
2¼"—2.00 3"—5.00 (ready after Jan. 1st, 1963.)

POLYPLOID PHALAENOPSIS

OFFERING white and yellow **Phalaenopsis Seedlings** made with Pentaploid (5n); Tetraploid (4n); and Diploid (2n) parents. These polyploid crosses will produce flowers of large size, heavy substance and fine texture with long lasting qualities.

SPECIAL OFFER

FLOWERING SIZE PHALAENOPSIS—Assorted named hybrids. Our selection. Specify white or pink-lavender. **10.00-12.50-15.00-17.50**

PINK PHALAENOPSIS

BLUSH PINK CAST IRON MONARCH HYBRIDS "Polyploids" (3N x 5N)

1110 **P. CLARA KNIGHT 3N 'KAREN' AM-AOS x P. JOANNA MAGALE 5N (Cast Iron Monarch x Chieftain).** Introducing pink (Clara Knight) with the pentaploid strain of white J. Magale. The few that come pink should begin a strain of large flowering, heavy substance pink Phalaenopsis unknown previously.
2½"—3.50 3"—5.00 4"—7.50-10.00 5"—12.50-15.00 6"—17.50-25.00

PINK HYBRIDS

719 **P. CLARA KNIGHT (P. Doris 'Thelma' x P. Marmousset 'Songer').** A remake of the original cross using a teraploid Doris with more pink than the first Doris. Results so far have proven darker average than original cross. See #825 and #1106.
17.50-20.00-25.00-35.00

723 **P. GLORIOSA 'TESSELLATA' x P. PINK PAMELA 'MARY NOBLE'.** Both parents are pink-lavender with salt and pepper markings.
4"—5.00 5"—7.50-10.00 6"—12.50-15.00

813 **P. PINK PAMELA x P. DORIS #2 Pink.** Doris will increase the size.
4"—7.50-10.00 5"—12.50-15.00 6"—17.50-25.00

816 **P. PINK CHIFFON (P. Pink Hawaii 'Mandarin' x P. Doris 4N 'Thelma').** An attempt to introduce larger size into pinks with a Doris strain. Doris 'Thelma' has proven itself in our Judith hybrids. See photo page 12.
3"—5.00 4"—7.50 5"—10.00-12.50 6"—15.00-20.00

825 **P. CLARA KNIGHT (P. Doris 'Pink Profusion x P. Marmousset 'Songer').** A remake of the original cross using a different teraploid Doris.
15.00-17.50-20.00-25.00

828 **P. DORIS 4N (P. Doris 4N 'Boynton' x P. Doris 4N 'Thelma').** 'Doris Boynton' has deep clarity of pink color. Both varieties have excellent form.
4"—7.50 5"—10.00-12.50 6"—15.00-25.00 7"—30.00-35.00 8"—40.00-50.00

835 960 **P. COURTSHIP (P. Gloriosa 'Cherry Blossom' x P. Doris 'St. Pete').** A remake with identical parents of a delightful hybrid we made several years ago.
4"—7.50 5"—10.00-12.50 6"—15.00-25.00 7"—30.00-35.00 8"—40.00-50.00

1069 **P. BARRY EAMER (P. Zada 'Premiere' (San Songer x Doris) x P. Judith 'Gertrude').** Two very fine shapely pink lavenders of good size. Should give higher percentage of better pinks with tetraploid Doris background.
4"—7.50-10.00 5"—10.-12.50 6"—15.00-25.00

848 **P. DORIS (P. Doris 'Sunrise' x P. Doris 'Thelma').** Selfing two pink Dorises concentrates pink genes and gives larger flowers than ordinary pink hybrids with fine form and substance. See photo, right.
4"—7.50 5"—10.00-12.50
6"—15.00-25.00 7"—30.00-35.00

850 **P. ANN FISHER x P. CLARA KNIGHT.** Clara Knight crosses are difficult to make.
4"—7.50 5"—10.00-12.50 6"—15.00-17.50-20.00

932 **P. DORIANA (P. Gloriana 'Martha' x P. Doris 4N 'Thelma).** Should make some large flowered pinks like our renowned P. Judith.
4"—7.50 5"—10.00-12.50 6"—15.00-25.00

#848—TWO TETRAPLOID PINK DORIS Crossed.

1082 **P. CAROLE BRANDT (P. Fernand Dennis x P. Zada 'Premiere')** The latter is the same dark Zada used in #1069. Continuous flowering from Rosea in Dennis.
4"—7.50-10.00 5"—10.-12.50 6"—15.00-25.00

1091 **P. VIRGINIA (Alpha x Reve Rose) x P. ZADA 'Premiere'.** Virginia is a handsome pink with good shape and an extra wide lip compared to most Phalaenopsis — flower spread 3½". Zadas have been counted as tetraploids — the first break thru in pink of this nature. Variety Premiere is one of the best. Most will flower Spring 1963.
2½"—3.00 3"—5.00 4"—10.00 5"—15.00

1092 **P. MARMOUSSET 'SONGER' x P. ROSEA 'GIGANTEA'.** Rosea is a specie that flowers months on end. This an attempt to make a continuous flowering pink. Rosea 'Gigantea' is over twice the size of the ordinary small flowering Rosea.
2½"—3.50 3"—5.00 4"—7.50-10.00

1099 **P. GLORIANA 'ADMIRATION' x P. MARMOUSSET 'SONGER'.** Gloriana is one of our line breeding crosses for pink (started 26 years ago) that has given large flowering pink hybrids as Doriana. Both parents have handsome mottled foliage which makes plant decorative even when not in flower. Flowers should have fine overlapping shape.
2½"—3.00 3"—5.00 4"—7.50-10.00 5"—12.50-15.00

1106 **P. CLARA KNIGHT (Marmousset 'Darkie' x Doris 'Thelma').** A remake of Clara Knight attempting to make even a darker pink average than our remake #719 by using a Marmousset that appears darker than the Marmousset 'Songer'.
2½"—3.50 3"—5.00 4"—7.50-10.00

1231 **P. DORIS 'PINK CLOUD' x P. ZADA 'JABLO'.** Doris 'Pink Cloud' is an F-3 generation of selfing to concentrate genes for pink color. Therefore, we think this cross with a fine Zada will produce fine large flowering types.
2¼—2.50 (ready after Dec. 1st) 3"—5.00 (ready after May 1st, 1963)

PINK TO RED FLOWERS (ALICE BOWEN HYBRIDS)

(No Quantity Discounts)

P. ALICE BOWEN = DARK HAWAII (Regnier x Hawaii) x PINK CLOUD (Reve Rose x Cherubin) See color photo of Alice Bowen page 9. P. Alice Bowen crosses are difficult to make hence seldom offered.

1183 **P. ZADA 'PREMIERE' x P. ALICE BOWEN 'MARS'.** This cross should produce dark pink to reddish toned flowers. Naturally some seedlings will come lighter in color. As stated previously plants of Zada have been counted at Tetraploids. It has the background to produce a superior strain of pink Phalaenopsis.
2½"—6.00

1186 **P. VIRGINIA (Alpha x Reve Rose) x P. ALICE BOWEN 'MARS'.** Virginia is a handsome pink with good shape and an extra wide lip compared to most Phalaenopsis — flower spread 3½". This cross should also produce fine shades of pink to reddish tones.
2½"—6.00

YELLOW CAST IRON MONARCH HYBRIDS 'Polyploids' (5N x 2N)

(No Quantity Discounts)

957 **P. MARY LOU STODDARD 5N (Louise Georgiana x Cast Iron Monarch) x P. LEUDDEMANNIANA 'OCHRACEA'.** Flowers of this cross have come light chartreuse with lavender to purple spotting throughout the sepals, petals and lip. Most will flower Spring 1963.
2¼"—3.00 3"—5.00 4"—7.50-10.00 5"—12.50-15.00

1133 **P. GOLDEN MARTHA (P. Joanna Magale 5N x P. MANNII).** Breeding pentaploid Joanna Magale with yellow producing Mannii will introduce a new race of yellow polyploids. Yellow color intensity will vary from light to dark — substance excellent.
2¼"—3.00 3"—6.00 4"—7.50-10.00 5"—12.50-15.00

1139 **MARY LOU STODDARD 5N (Louise Georgiana x Cast Iron Monarch) x P. MANNII.** Another
1159 combination to produce a superior race of polyploid yellows.
2¼"—3.00 3"—6.00 4"—7.50-10.00 5"—12.50-15.00

1158 **P. GOLDEN MARTHA (P. Mannii x P. Joanna Magale 5N (Chieftain x Cast Iron Monarch).** Reciprocal cross of #1133. Some observers think the pod carrying plant Mannii influences the offspring — in this case more yellow. There is no basis scientifically both crosses should give the same results.
2½"—3.00 3"—6.00 4"—7.50-10.00

1232 **P. PALM BEACH (Doris x Cast Iron Monarch) x P. MANNII.** Palm Beach has superb shape and sugstance.
2¼"—3.00

YELLOW HYBRIDS

1129 **P. GOLDEN CHIEF (Chieftain 4N 'Superba x Mannii).** The species Mannii has made yellow Phalaenopsis possible. The tetraploid Chieftain helps bring size to the small flowered Mannii. Color varies from cream to good yellow. See color photo page 5.
1¾"—2.00 2½"—3.00 3"—6.00 4"—7.50-10.00

NOVELTY

1161 **PHALAENOPSIS VIOLACEA x P. INTERMEDIA 'PORTEI'.** A crossing of an outstanding species and a fine Jungle natural hybrid (P. Intermedia 'Portei') See Williams 7th edition P. 666 for picture of P. Intermedia 'Portei'. Sepals and petals white. Lip is a reddish purple-rose. P. Violacea is a gem. Lower portions of sepals and petals and lip are rich rosy purple with upper portions yellow. Flowers scented. See color photos page 9.
2¼"—3.00 3"—6.00 4"—7.50-10.00

1261 **P. ELIZABETHIAE x P. VIOLACEA.** See color photo of Violacea. This beautiful species with Elizabethiae should produce offspring similar to the famous Henriettiae. Lavender to purple suffusion from base of sepals and petals outwards and tesselations thru out the flower. Not an easy cross to make. See color photo page 9.
2¼"—5.00 (Ready April, 1963)

NOVELTY — RED LIPS AND CANDY STRIPES

941 **P. RUBY LIPS 'STRIPES' x selfed (Roselle x Doris)** This cross has produced some startling variation in Phalaenopsis breeding. This plant has produced stripes of candy cane pink in the sepals and petals. See color photo front cover. Some come white with colored lip.
3"—7.50 4"—12.50 5"—20.00 6"—35.00 Few selected $50.00

942 **P. RUBY LIPS 'STRIPES' x P. RUBY LIPS 'White-colored Lip'.** Two selections crossed together. The few that flowered in 1962 showed candy stripes and white-colored lips.
3"—7.50 4"—12.50 5"—20.00 6"—35.00

1121 **P. RUBY LIPS 'PREMIERE' x P. GOLETA.** Crossing Ruby Lips with a large flowering white Goleta (spread 5½") to increase size of Ruby Lips and impart color variations.
4"—7.00 5"—10.00

1124—P. SALETA (P. Sally Lowry 'Premiere' x P. Goleta). Cross made for same reason as #1121 only using Sally Lowry instead of Ruby Lips.
2½"—3.00 3"—5.00 (ready after May 1st 1963)

1373 P. RUBY LIPS 'PATRIOT' x P. RUBY LIPS 'SUPREME'. These two Ruby Lips were very well marked with candy stripes and should produce greater percentage of striped offspring than original Ruby Lips selfing of #941.
2½"—5.00 (ready after April 1st 1963)

1092 P. MARMOUSSET 'SONGER' x P. ROSEA 'GIGANTEA — This will probably produce some red lipped offspring.
2½"—3.50 3"—5.00 4"—7.50-10.00

VANDA SANDERIANA 'TERRY' — AM-AOS, AM-HOS

Vandas

This is the famous Vanda Sanderiana 'Terry' which has won an Award of Merit from both the American Orchid Society and the Honolulu Orchid Society. Sanderiana is the parent of many fine Vanda hybrids.

Sanderiana 'Terry' is the parent of the V. Venus, V. Bill Sutton, and V. Burgeffi listed below, and the V. Princess Elizabeth listed under Semi-Terete Vandas. Also our cross of V. Nellie Morley (V. 890) Page 37.

STRAPLEAF VANDAS

FLOWERING SEASON THROUGHOUT THE YEAR

CULTURE OF STRAPLEAF VANDAS. These Vandas can be grown with Cattleyas under the same or higher light condtions and temperatures. Culture instructions will be sent with order.

V751 V. AFTERGLOW x V. EISENHOWER — Afterglow is a lovely apricot. Eisenhower will improve shape and increase color range — apricot — peach — yellows, etc.
3"—3.50 4"—5.00-750 5"—10.00-15.00

V633 V. ALICE FUKUNAGA (V. Memoria T. Iwasaki 'Purpurea' x V. Sanderiana 'Terry'.) Iwasaki 'Purpurea' is a heavy texture of unusual bronze-maroon color. Mated with one of the finest Sanderianas known. Bound to be beautiful.
1¾—2.00 2½"—3.00 3"—5.00 4"—7.50-10.00 5"—12.50-15.00

V1032 V. ALICIA ONO (Jennie Hashimoto 'Mildred' AM-AOS x Sanderiana 'Joe Dew' AM-AOS). Finer parents would be hard to find. This Hashimoto 'Mildred' had considerable yellow.
3"—4.00 4"—7.50-10.00

V88 V. AHINAHINA (V. Suavis x V. Frank Scudder). Blue.
6"—5.00-7.50-10.00-12.50-15.00

V1733 V. ALEX KAMAHELE (Amoena x Rothschildiana). A fine blue color.
4"—7.50 5"—10.00

V660 **V. BILL SUTTON (V. Manila 'Century' x V. Sanderiana 'Terry' AM-AOS-HOS.** This should
V2104 make a fine Sutton. A much improved Manila.
2½"—3.00 3"—4.00 4"—7.50-10.00

V771 **V. BILL SUTTON x V. JENNIE HASHIMOTO 'SUSAN'.** Two perfect round forms mated to give show flowers. The Jennie Hashimoto 'Susan' flowers were dark lavender with maroon spotting.
1¾"—2.00 3"—4.00 4"—7.50-10.00

V108 **V. BOSCHI x V. DEAREI.** Ivory background with amethyst spots. Flower size of Dearei.
V114 **Flowering size — 5.00-7.50-10.00-12.50-15.00**

V220 **V. BURGEFFII (Suavis x Sanderiana).** Russet-pink spotted flowers.
3"—3.50 4"—5.00 5"—10.00 6"—12.50-15.00

V1983 **V. CAROL CARLISLE x V. SANDERIANA.** Sunset shades of pink.
4"—7.50 5"—10.00 6"—15.00-20.00

V76 **V. CHIMEY WALKER (V. Flammerole x V. Sanderiana).** Solid blue with pink cast.
V302 **Flowering size—10.00-12.50-15.00**

V632 **V. CLARA SHIPMAN FISHER (V. Tatzeri x V. Sanderiana 'Terry' AM-HOS-AOS).** 'Terry' is a proven stud. The Tatzeri is superb. Should be tops.
1¾"—2.50

V1046 **V. CLARA SHIPMAN FISHER 'BAHAMA' x V. JENNIE HASHIMOTO 'SUPERBA'.** Will give fine shape, size substance and colors of pink to red with darker spotting.
2¼"—2.00 2½"—3.00

V1006 **V. DEAREI x V. FRANK CROOK 'DIANA' AM-AOS.** Dearei is the yellow species that should increase some of the tones so lovely in Sanderiana type blooms.
2¼"—2.00 3"—3.50 4"—5.00-7.50-10.00

V288 **V. DENISANDER (Denisoniana x Sanderiana).** Cream to yellow.
5"—12.50-15.00 6"—17.50-25.00 large plants.

V1945 **V. EISENHOWER (Dearei x Sanderiana).** This cross has given lovely colors of pink to yellow with fine shaped flowers of good size.
3"—3.50 4"—5.00-7.50

V. ELLEN NOA (V. Sanderiana x V. Dearei). A really fine strapleaf hybrid. The flowers are large and round with colors of yellow, cream, buff and a few brownish tints. Considered one of the best of the primary hybrids.
Flowering size—15.00-20.00-25.00-35.00-40.00

V34 **V. GERTRUDE MIYAMOTO (V. Mem. G. Tanaka x V. Sanderiana).** Yellow to tan.
Flowering size—10.00-12.50-15.00

V1605 **V. HENRIETTA HO (V. Sanderiana x V. Sumutrana).** Excellent colors and shape. Large flowers of yellow — brown to buff — red.
5"—15.00 6"—20.00

V994 **V. JOAN WARNE 'STRAWBERRY' x V. BILL SUTTON.** Will give lovely shades of rose pink and shades of lavender. Bill Sutton is very fine pink.
1¾"—1.50 2¼"—2.50 3"—4.00 4"—7.50-10.00 5"—12.50-17.50-20.00

V997 **V. JOAN WARNE 'STRAWBERRY' x V. CLARA SHIPMAN FISHER 'MARS'.** The Joan Warne is a dark strawberry color. Clara Fisher is a proven stud.
2¼"—2.00 2½"—3.00

V928 **V. JENNIE HASHIMOTO x V. OHUOHU 'Superba'.** Will have wonderful Sanderiana shape and colors of pink to dark rose.
2¼"—2.00 3"—3.50 4"—7.50-10.00

V80 **V. KALIHI BEAUTY x V. FRANK SCUDDER.** Blue—Tan.
V98 **Flowering size—5.00-7.50-10.00-12.50-15.00**

V1866 **V. KILOHANA (V. Manila x V. Rothschildiana).** Blue, rose, mauve to dark pink. Good shape.
4"—7.50 5"—12.50-15.00

V72 **V. KUPPERI (V. Sanderiana x V. Lamellata).** Yellow background with brown spots. Medium size flowers.
5.00-7.50-10.00-12.50-15.00

V54 **V. LUZONICA.** White with red spots.
5.00-7.50-10.00-12.50-15.00

V1002 **V. LYNN SUGIHARA 'MIDNITE' x V. FRANK CROOK 'DIANA' AM-AOS.** The Sugihara is a royal dark blue and the Frank Crook a superb Sanderiana type. Colors various.
2¼"—2.00 3"—3.50

V. MABELMAE KAMAHELE (V. Ohuohu x V. Sanderiana). An award winning cross. Fine shap and color darker than Sanderiana. One of the best in new hybrids.
6"—17.50-25.00-35.00

V1061 **V.MABELMAE KAMAHELE 'ORLANDO' x V. BILL SUTTON 'WINTERGARDEN.'**
V1062 Bill Sutton is a heavenly pink with fine shape, form and substance. V1062 is a reciprocal cross of V1061.
2¼"—2.00 3"—3.50 4"—7.50-10.00

V1011 **V. MABELMAE KAMAHELE 'PRIMA' x V. LUZONICA 'AMETHYST'.** This cross should produce forms of Manila and Bill Sutton pinks.
2¼"—2.00 2½"—3.00 3"—4.00

V1015 **V. MANILA (Luzonica 'Pinkie' x V. Sanderiana 'Command').** A remake of a famous pink cross with fine selected species.
2¼"—2.00 2½"—3.00
V. MANILA (V. Luzonica x V. Sanderiana). Lovely pink flowers with some darker maroon spots. Well grown plants, flower year round. Heavy production of flowers.
Flowering size—15.00-20.00-25.00-30.00
Selected strains—50.00-75.00

V1976 **V. MANILA.** Lovely pink flowers with darker maroon spots.
4"—7.50 5"—12.50-15.00 6"—17.50-20.00

V864 **V. MANILA x V. KINAU.** Manila is pink. Kinau has background of Rothschildiana which is blue. All parents involve Sanderiana for shape.
3"—3.50 4"—5.00-7.50

V1060 **V. MANILA 'GLOW' x V. MABELMAE KAMAHELE 'ORLANDO'.** Round flower of pink to lavender shades with fine form. See color photo page ____.
2¼"—2.00 2½"—3.00 3"—4.00

V1845 **V. MANILA x V. TATZERI.** Excellent pink flowers with amethyst spots.
4"—7.50 Flowering size—6" 15.00-20.00

V328 **V. MANILA x V. TRICOLOR 'PLANIABRIS'.** Maroon spotting on light pink base. Very striking.
5"—10.00-12.50 6"—15.00-17.50

V1957 **V. MRS. MARGARET MEYER (Sanderiana x Joan Swearingen).**
3"—3.50 4"—5.00-7.50

V1952 **V. OHUOHU (V. Sanderiana x Clara S. Fisher).** A famous cross, large flowers of buff to
V1808 reddish brown over a pink background.
3"—5.00 4"—7.50 5"—10.00

V635 **OPSISANDO JULIET KIMBALL (V. Gigantea (Certificate of Botanical Merit AOS) x V. Sanderiana).** V. Gigantea has butter yellow flowers with reddish spots. Extreme texture. Should make an unusual combination.
3"—5.00 4"—7.50-10.00

V57 **V. PROFUSION (V. Suavis x V. Rothschildiana).** Large pastel pink or blue flowers.
V74 **Flowering size—5.00-7.50-10.00-12.50-15.00**

V754 **V. PACIFIC 'PURPLE QUEEN' x V. MANILA.** V. Pacific 'Purple Queen' is a rich intense purple color. Manila is pink. Colors should be blue, purple and shades of rose.
3"—5.00 4"—7.50

V852 **V. ROTHSCHILDIANA (V. Coerulea 'Bluebeard' x V. Sanderiana 'A').** V. Coerulea 'Bluebeard' was raised from seed and selected for color, size and number of flowers. V. Sanderiana 'A' was also raised from seed and selected for its quality. By selfing selected species you concentrate the good qualities. Then breeding with these selctions you will produce superior hybrids
1¾"—2.00 2½"—3.50 3"—5.00 4"—7.50-10.00

STRAP-VANDAS IN FLOWER SPIKE—SPECIAL SELECTED PLANTS—These are available on special order. Please state color preference—blue—yellow—pink—reddish tones. They include Bill Sutton, Clara Fisher, Onomea, Jennie Hashimoto, Carole Hirano, Manila, Lynn Sugihara, etc.
25.00-35.00-45.00-75.00-100.00

V. ROTHSCHILDIANA. The most famous BLUE Vanda in the world. Selected varieties offered at reasonable prices for the first time. Now everybody can afford a Vanda Rothschildiana. **See color plate page 108.**
Well grown plants will flower the year round. Flowers are a gorgeous blue, large 3" to 5" across, flat and round. Long lasting. Grows well with cattleyas.
4"—5.00-7.50 to flower in one or two years
5"—10.00-12.50 to flower in one year
Flowering size—17.50-20.00-25.00
In Spike as available—20.00-25.00 to 40.00
Exhibition Quality—flowering size—50.00 and up

V851 **V. ROTHSCHILDIANA 'IDEAL' x V. OHUOHU 'WATANABE'.** V. Rothschildiana 'Ideal' is a large closed flower of fine blue color, the substance and size tends to make one think it could be tetraploid. V. Ohuohu has overlapping sepals and petals with dark pink to maroon color. Finer Exhibition flowers would be hard to find.
1¾"—2.00 3"—5.00 4"—7.50

V. SANDERIANA—Raised from seed, third generation progeny and selection. Lavender to maroon.
3"—3.50 4"—7.50-10.00 5"—15.00 (To flower in 1 year)
Flowering size—25.00-50.00

V595 **V. TATZERI (V. Tricolor 'Planilabris' x V. Sanderiana).** Fine reddish bronze with spots.
2¼"—3.00 3"—5.00 4"—7.50 5"—10.00-15.00

V. TATZERI x V. OHUOHU. Both fine types used. Colors of pink to dark rose with areas of maroon spotting.
3"—3.50 4"—5.00-7.50 5"—10.00-15.00

V663 **V. TITA MARKS (V. Mem. T. Iwasaki 'Purpurea' x V. Rothschildiana 'Pinkie').** Iwasaki 'Purpurea' is an unusual maroon color and a pink Rothschildiana is rare. An unusual color combination.
3"—4.00 4"—6.00 5"—10.00-12.50

V753 **V. TRICOLOR 'PLANILABRIS' x V. AFTERGLOW.** Will give strong pleasing colors of apricot shades with darker spotting. The color everyone admires.
1¾"—2.00 2½"—3.00 3"—5.00 4"—7.50-10.00

V678 **V. VIRGINIA SHIPMAN BIEHL x V. TATZERI.** Biehl is red bronze and fragrant. The Tatzeri was exceptional for shape and color.
1¾"—2.00 3"—3.50 4"—7.50 5"—10.00-12.50 6"—15.00-20.00

V1769 **V. WAIKIKI (V. Boschi x V. Sanderiana).** An excellent flower of pink and red with yellow to cream-white background.
Flowering size—6"—15.00-20.00

V763 **V. WAIKIKI x V. DENISONIANA.** The Denisoniana is white with small amount of color on lip. The Waikiki is very light with some spotting. Should give interesting light colors.
1¾"—2.00 2½"—3.00

V1058 **V. WAIPUNA 'Alice' x V. MABELMAE KAMAHELE 'DAY'.** A Waipuna won best in show at the Second World Orchid Conference. Wide range of colors.
2¼"—2.00 2½"—3.00

V594 **V. WALTER FUJIKAMI (V. Coerulea x V. Manila).** A grand dark blue hybrid.
3"—4.00

V115 **V. WETTSTEINII (V. Burgeffii x V. Coerulea).** Blue to pink.
V596 3"—3.50 4"—5.00 6"—7.50-10.00-12.50-15.00

SPECIAL OFFER OF UNUSUAL SEMI-TERETE VANDAS

(No quantity discount on this group.)

Culture of Semi-Terete Vandas same as for Terete.

V1014 **V. BEAU BO (V. Emma van Deveter 'Iwanaga' x V. Ohuohu 'Watanabe').** The tetraploid van Deventer and the par-excellence of Watanabe's Ohuohu should bring about a prize winning semi-terete hybrid. We expect the best from this cross.
2¼"—2.00 2½"—3.00 3"—4.00

VW1022 **V. DALE SHAFFER. (V. Nora Potter 'Anderson' x V. Jane Shiamoto).** Many should be dark lavender.
4"—5.00-7.50-10.00

VW1032 **V. SI PETITE. (V. Janet Tagawa x V. Teres Candida 'Magnifica' FCC, RHS).** White background, possibly amethyst spots.
4"—7.50

VW1151 **V. SANDERIANA #7 x V. TERES CANDIDA ALBA.** White to light pink.
4"—7.50

VW1295 **V. COLORFUL 'PERFECTION' x V. COERULEA.** V. Colorful is a red lavender crossed with blue.
5"—6.00

VW1414 **V. MEM. CHEOK C. CHIAN (V. Velthius (tetraploid) x V. Kilohana).** Expect pink to dark pink flowers.
5"—7.50

VW1510 **V. LEILANI (V. Nora Potter x V. Sanderiana).** Light lavender to blue.
4"—5.00 5"—7.50-10.00

VW1523 **V. SUSAN PEK (Velthius (tetraploid) x V. Ohuohu).** Pink to dark pink.
4"—7.50 6"—12.50-15.00-17.50

VW1545 **V. GAM HO (V. Velthius (tetraploid) x V.Ohuohu). Pink to dark pink.**
4"—7.50

VW1767 **V. AMELIA NOA (V. Dearii x Teres alba).** Near white light yellow.
5"—8.50 6"—15.00-17.50-20.00

VW1782 **V. ANNA PERIS (V. Princess Beatrix x V. Ellen Noa).** Lovely lavender flowers of good size, 3" to 4".
6"—15.00-17.50-20.00-25.00

VW1808 **V. KONA (V. Princess Beatrix x V. Sanderiana).** Clear lavender flowers of good size. 3" to 4".
6"—15.00-17.50-20.00-25.00

VW1818 **V. MARY TAN. (V. Princess Beatrix x V. Onomea).** Clear lavender to purple flowers of good size.
6"—15.00-17.50-20.00-25.00

VW1960 **V. VELTHIUS x EISENHOWER.** Pink with yellow overtones.
4"—7.50 6"—15.00-17.50-20.00-25.00

VW1933 **V. ROBERTA CHUNG x V. SANDERIANA.** Pink.
4"—7.50

VW2004 **MARY FOSTER x V. JOAQUIM.** Pink.
4"—7.50

V. DOROTHY WARNE (V. Suavis x Hookeriana). Flowers of good texture. Creamy white with rose-carmine spots. Very free flowering. Easy to flower.
Flowering size 12-15" tall—3.50-5.00-7.00-10.00

V. PRINCESS ELIZABETH (V. Sanderiana 'Terry' AM-AOS-HOS x V. Hookeriana). Recent flowering of this cross has proven it to be one of the finest semi-teretes yet to flower. The sepals and petals are dark lavender, the lip a dark maroon. See color photo page 104.
Flowering size—5.00-7.50-10.00-12.50-15.00

297 **V. MARK MITCHELL (Vanda Ruby x V. Miss Joaquim 'Judith').** The Vanda Miss Joaquim 'Judith' was selected from first generation seedlings of V. Miss Joaquim. It has unusual dark coloring in sepals, petals and lip and large size. The V. Ruby (V. Tricolor x V. Hookeriana) has rich color. First flowerings have been fine.
4"—on stake—4.50 Aerial Tips—3.00

VANDA NELLIE MORLEY

V. NELLIE MORLEY — Known wherever Vandas are grown as a spectacular flower that has won many awards and commanded high prices. The plant that was sold by our firm for $1600.00.

V890 **V. NELLIE MORLEY (V. Emma Van-Deventer 'Iwanaga' x V. Sanderiana 'Terry' AM-AOS-HOS)**—A better parentage could not be selected. Both are proven breeders.
1¾"—2.00 3"—4.00

V. NELLIE MORLEY — A remake of the original cross.
4"—7.50 5"—10.00-12.50
6" (flowering size)—15.00-20.00

TERETE VANDAS

CULTURE OF TERETE VANDAS. These plants require full sunlight to flower well. They are grown as hedges in Florida, the Gulf States, and the tropics. Not recommended for growing under greenhouse or home conditions. Culture instructions will be sent with order.

V. AMY (V. Tricuspidata x V. Hookeriana). Large lavender with trilobed lips. Very different from regular Joaquim type.
4" pot, staked—3.00

V. MISS JOAQUIM (V. Teres x V. Hookeriana). The flower made famous by Hawaii for leis and corsages. Flowers throughout the year. 6-10 flowers per spike which open in succession and last a long time.
Rooted tip cuttings, potted, cypress stake, 12-15" high—1.00-2.00
Special: Rooted cuttings 12-15" unpotted, 12 for 8.00; 6 for 5.00

V. MISS JOAQUIM 'ANDERSONII' (V. Teres 'Andersonii x V. Hookeriana). Darker color than Miss Joaquim.
Flowering size—12-15", 4" pot staked—3.50

V. MISS JOAQUIM ALBA 'ROSE MARIE' x V. TERES ALBA CANDIDA 'MAGNIFICA' FCC-RHS. Previous use of these two parents have produced pure white offspring.
Pure White Potted—5.00 Flushed—3.50 Top Cuttings

ANGRAECUM VEITCHII

ANGRAECUM EBURNEUM

Vandaceous Orchids

AERIDES—ANGRAECUM—ARACHNIS—RENANTHERA—RYNCHOSTYLIS

AERIDES ODORATUM—Graceful arching sprays of fragrant white flowers with amethyst blotch at base of spur. See photo page 44.
Flowering size—7.50-10.00-12.50

ANGRAECUM DISTICHUM (MYSTACIDIUM DISTICHUM). This delightful miniature grows but 3" to 6" high with dark green short leaves overlapping in a fan shape. Small white flowers are borne from the axils of the leaves. Flowers summer and various.
3"—5.00

504 **ANGRAECUM EBURNEUM—Spring.** Lovely star flowers 3-4" across. Sepals and petals greenish-white. Lip broad with green tinted spur nearly 3" long. See photo above.
6"—12.50-15.00 7"—20.00-25.00 8"—30.00-35.00

ANGRAECUM EICHLERIANUM—A climbing type. Flowers 2-3" vertical, sepals and petals greenish white. Lip white. Flowers from axil of leaves. Various. Easy to flower.
3"—3.50

A822 **ANGRAECUM SESQUIPEDALE x SELFED. Winter.** The chaste Star Orchid of Madagascar that Darwin examined and predicted an insect would be found with a proboscis long enough to extract the nectar from the foot long spur of the flower. A few years later a Moth was discovered that could accomplish the feat. See photo of A. Veitchi which it resembles.
2¼"—2.00 3"—5.00

420 **ANGRAECUM VEITCHII (A. Sesquipedale x A. Eburneum).** Spring. A real novelty. Flowers resemble Sesquipedale. Up to 6" across with a long spur, color creamy white. See photo.
4"—12.50 6"—17.50-25.00

A880 **ARACHNIS FLOS-ARIES x ARACHNIS FLOS-ARIES 'INSIGNIS'.** The true scorpion orchid (shape of the flowers) with a delicate musky fragrance. A. Flos-Aries has pale yellow-green sepals and petals with irregular dark purple-brown bars and spots. Flowers twice (May and November) in Singapore. Flowers are approximately 3" x 4". A. Flos-Aries 'insignis' — slightly smaller flowers with sepals and petals solid dark maroon, nearly black towards the tips, the column is pure white. A real exotic. Both flower over a long period. Do not cut flower spike as it produces flower buds continuously for some time. Full sun and stands salt air.
2½"—2.50 3"—4.50 4"—7.00-10.00

ARACHNIS MAGGIE OEI (A. Hookeriana 'Luterola' x A. Flos-Aeris). Yellow barred red spider orchid. Give full sun. Approx. 3-4 feet tall to flower. Exotic.
4" pot—18" tall—10.00

BRASSIA MACULATA

BRASSAVOLA LINEATA

A671 **VANDACHINS PREMIER (Arachnis Moschifera x Vandopsis Lissochiloides).** A. Moschifera has vivid chocolate markings with dark green background. V. Lissochiloides has unusually thick flowers of yellow spotted red purple. A Bigeneric cross much like semi-terete Vandas. Vigorous growers and will take full sun.
2½"—2.50 4"—5.00 5"—7.50-12.50-17.50

V886 **RENANTANDA MABEL EU (Vanda Ellen Noa x Renanthera Storei).** This will give an exciting color range in shades of red. Ellen Noa is yellow and buff with brown spots.
1¾"—2.00 2½"—3.00 3"—4.50 4"—7.50-10.00

2231 **RENANTHERA BROOKIE CHANDLER (R. Storei x R. Monachica).** A fine hybrid with fire-engine red flowers and orange spots. Plant is compact and easily grown.
10.00-15.00-20.00

RENANTHERA COCCINEA. Various. Blood red flowers with some yellow on many branched scapes. Grown in strong light, full sun if possible. See photo page 50.
Flowering size—7.50-10.00-15.00

RENANTHERA MONACHICA. A gorgeous dwarf orchid with branching spray of buff flowers with bright red spots. Easily grown (but slow) and flowered.
3"—4.50 3½"—6.00

RYNCHOSTYLIS GIGANTEA (Saccolabium gigantea). Dec.-Feb. 'Foxtail Orchid' — Sweet fragrance. Flowers in tight raceme arching 12" to 18". Sepals and petals white-purple spots near base of petals — lip partially purple. See photo page 50.
Flowering size—20.00-25.00-30.00

RYNCHOSTYLIS RETUSA. Similar habit of growth to R. Gigantea except leaves narrower. Flowers are fragrant-sepals and petals white with a few purple spots—front of the lip purple. Flowers summer and various.
Flowering size—15.00-20.00

Botanical Orchids

Culture instructions will be sent with orders.

AERIDES ANGRACEUM, ARACHNIS—See pages 38-39.

Bc. LINDLEYANA (B. Tuberculata x C. Intermedia). An old bigeneric between Brassavola and Cattleya. Compact grower slender bulbs 6" to 10" tall. Flowers near white with lavender flush. Summer and various.
Flowering size—5.00-7.50

BIFRENARIA HARRISONIAE — Brazil. Curious four angled pseudobulb with single leaf. Flowers 3" — sepals and petals are yellowish and tinged with red — the lip is purple-red.
Flowering size—7.50-10.00

EPIDENDRUM FRAGRANS

EPIDENDRUM ATROPURPUREUM

BRASSIA CAUDATA. Up to 12 flowers per spike, light green spotted with dark brown. Late spring to summer. These Brassias are called "Spider Orchids."
Flowering size—5.00-7.50

BRASSIA GIREOUDIANA. A striking plant in flower. Spikes 15" to 24" long with very long lower sepals (6"). Color is chartreuse with brown at basal portion of sepals and petals. Spring.
Flowering size—7.50-10.00-12.50-15.00

BRASSAVOLA GLAUCA — Pale green sepals and petals, nearly white. Lip white with tiny purple strip in throat. Slightly fragrant. Spring.
Flowering Size—5.00-7.50-10.00

BRASSIA LONGISSIMA. The sepals are the longest of the genus, often 7". The lip is bright yellow with purple spots at base. Sepals and petals orange with purple-brown spots. Spring and various.
2½"—2.50 3"—4.00 4"—6.50 Flowering sizes 7.50-10.00

BRASSIA MACULATA. Six to 12 flowers, greenish yellow, spotted brown, sepals 3 inches long, petals shorter. Blooms early summer. See photo page 39.
Flowering size—5.00-6.00-7.50-10.00

BRASSAVOLA CORDATA. More flower in clusters than B. Nodosa, but individual flowers are smaller and chartreuse in color. Spring and summer.
Flowering size—5.00-6.00-7.50-10.00

BRASSAVOLA DIGBYANA. The original parent of Brasso hybrids. Flower is white tinted green with beautiful fringed lip. Grows like a Cattleya. Fragrant. Blooms late spring and summer.
Flowering size—7.50-10.00-12.50-15.00

BRASSAVOLA LINEATA. A larger pure white lip than B. Nodosa. Sepals and petals cream white. Late spring. See photo page 39.
Flowering size—7.50-10.00

CYMBIDIUM FLIRTATION

ERYTHRODES NOBILIS ARGYROCENTRUS
SILVER JEWEL ORCHID

BRASSAVOLA NODOSA (Lady of the Night). Greenish white flowers. Blooms in the fall. Fragrant at night. Wonderful for patio or porch. 5" to 10" tall.
Blooming size—3.00-4.00-5.00-7.50

BROUGHTONIA SANGUINEA — Summer and various. A charming species with arching sprays of flowers in clusters. The flowers are over an inch across and shades of red-purple. Small compact pseudo bulbs one to two inches takes little room to grow.
Flowering size on Treefern Slabs — 5.00-7.50

1105 **BROUGHTONIA SANGUINEA 'CARMEN GAUNTLET' CBM-AOS.** Selfed. See color photo page 2. This yellow variant of B. sanguinea was found only a few years ago in Jamaica by Noel Gauntlet. We have flowered just one seedling in the Spring of 1962 and it was yellow. See color photo page 2.
Mounted on Treefern—15.00 (small plant)

CALANTHE — See page 50.

2123 **CATTLEYA AURANTIACA.** Feb. and March. This very handsome brilliant clear orange-red species attracts everyone. Flowers 3 inches across when open. Seedlings Page 18.
Mature plants—7.50-10.00-12.50

952 **CATTLEYOPSIS HOLDRIGESSI x BROUGHTONIA SANGUINEA.** Spring. Arching sprays (12"-15") of deep-red purple flowers in clusters. Flowers last a long time. Small pseudobulbs. Grows well on tree fern totem. A striking miniature type when in flower.
2½"—4.00 3"—6.00

CATTLEYOPSIS LINDENII — A lovely spray with clusters of pale lavender flowers. Spring. A small bulbous bifoliate of easy culture.
Flowering size—Potted—5.00 Mounted on cork—3.50-5.00

784 **CATTLEYOPSIS ORTGIESIANA x BROUGHTON SANGUINEA.** Spring. A cross of these two delightful species will give arching sprays of compact flower clusters. Flowers about an inch across in red purple splendor. Small pseudobulbs.
1¾"—2.50 2½"—4.00

COELOGYNE BURFORDIENSE (Pandurata x Asperata). Spring. Similar in habit and flower color to Pondurata. More hybrid vigor.
Flowering Size—25.00

HAEMARIA DISCOLOR 'DAWSONIANUA' Jewel Orchid

TRICHOPILIA SUAVIS

COELOGYNE PANDURATA. Spring and Summer. Often called the Black Orchid because the lip has an area of blotched black. The sepals and petals are green. The arching spray (5 to 16 flowers) emerges with the new growth in the Spring. Completes pseudobulb after flowering. Leaves like an Aspidistra of Phaius. Rare. A real exotic.
2 Bulbs—15.00 Flowering size (3 Bulbs)—20.00-25.00

CYCNOCHES CHLOROCHILON (Green Swan Orchid). The unusual flowers of this orchid are 4-5 inches in width, a beautiful **chartreuse green color,** and fragrant. Will send growing instructions. Color photo page 104. We will ship Cycnoches August 1 to December 1. They flower October-December.
Flowering size—5.00-7.50-10.00-12.50-15.00-17.50

606 **CYMBIDIUM CERES x CYMBIDIUM RIO RITA 'RADIANT' FCC-RHS.** Both parents were very exceptional. Should give pink shades with red labellum.
5"—7.50 7"—12.50-15.00-17.50

CYMBIDIUM FABERI. A miniature species with narrow leaves 6" to 10" long. Flowers anytime of the year with greenish pale yellow flowers to size of a quarter. Easy culture, grows well in either bark or osmunda.
5.00-7.50

CYMBIDIUM FLIRTATION. Mid-winter to Spring. A compact in Cymbidium breeding. This will not run you out of house and home. Plants average 24" tall 18" spread. Flowers run to shades of pink with maroon spotting on the labellums. Flowers very freely. Spikes are 18" to 30" tall and individual flowers 2"-2½" across. See photo page 41.
Flowering size divisions—10.00-12.50-15.00

CT009 **CYMBIDIUM PUMILUM x CYMBIDIUM CORONADO 'VERDE'.** A miniature Cymbidum expected to give flower colors in various shades of yellow, green and pink.
5"—12.50-15.00

DENDROBIUM—See pages 25 thru 27.

EPIDENDRUM ATROPURPUREUM (Spice Orchid). Fragrant flowers last for 6 weeks, flowering March thru May. Has grey sepals and petals. Variety Randii has a white and rose lip. Variety Roseum has two-toned rose lip. Plants not labeled as to variety. Flowers 2-3 inches wide, 5 to 12 flowers per spike. See photo page 40.
Flowering size—5.00-7.50-10.00-12.50

ONCIDIUM AMPLIATUM 'MAJUS'

ONCIDIUM STIPITATUM

EPIDENDRUM DIFFUSA (Seraphyta Diffusa). Summer-Fall. A delightful orchid resembling a reed-stem Epidendrum in growth (5" to 27" tall). Compact growing-branching panicles of small yellowish-green flowers turning reddish when old.
Small Plants—3.50 Medium size plants—5.00 Large—7.50

EPIDENDRUM FRAGRANS. Very fragrant—greenish-white flowers, bars of purple in lip. See photo page 40. Spring.
Flowering size. 4"—5.00-6.00-7.50-10.00

EPIDENDRUM PAPILIONACEUM — Pseudobulbs 10" to 18" with several leaves terminal. 18" to 30" flower spikes. Labellum light lavender with stripes similar to Phoencium. Sepals and petals chartreuse to brownish purple cast. Fragrant — Summer.
Flowering size—5.00-7.50-10.00

EPIDENDRUM PENTOTIS. Similar to E. Fragrans except pseudobulbs are taller and flowers larger to 3". Delightful fragrance. Lip striped with purple, sepals white tinted green. Spring.
Flowering size—5.00-7.50-10.00

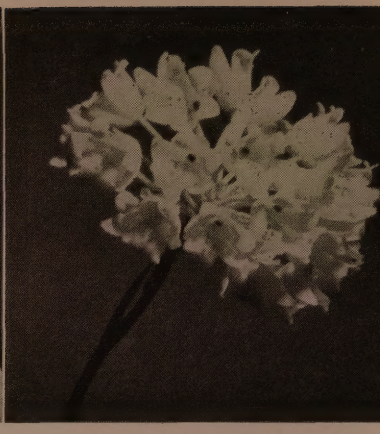
258 **EPIDENDRUM PHOENECIUM x EPIDENDRUM NEMORALE.** Phoenecium is "the chocolate orchid" in color and fragrance. Nemorale is a gem — near white sepals and petals, large white and rose lip.
1¾"—1.50 3"—3.50

EPIDENDRUM PLICATUM—The flowers have chocolate perfume as in E. Phoeniceum. The arching raceme is 18 inches to 30 inches long. Sepals and petals are greenish-yellow tipped with lavender-purple. The labellum creamy white striated with lavender. This is a bifoliate bulbous Epidendrum. Spring. See photo page 46.
Flowering size—5.00-7.50

REED-STEM EPIDENDRUMS — See page 49.

AERIDES ODORATUM

MORMODES COLOSSUS



NEOBENTHAMIA GRACILUS

ERIA JAVANICA. Spring. This specie from the Far East is easy to grow. The arching spray 18" long has pale yellow flowers that are fragrant.
Flowering size 5.00-7.50-10.00

HEXISEA BIDENTATA. Brilliant vermilion flowers on jointed pseudobulbs (6" to 8"). See color photo AOS Bul., Feb. 1957, p. 110.
Flowering size—4.00-6.00-7.50-10.00

JEWEL ORCHID—HAEMARIA DISCOLOR 'DAWSONIANA' — (Anoechtochilus Discolor). Old World ground orchid grown for its gorgeous foliage of dark velvety reddish-green. Veins are coppery red. Flowers are white, blooms in January and February. Grow in equal parts of cut osmunda and phagnum moss with some finely crushed pot sherds and pieces of charcoal, few rubbed oak leaves. Use small pots. Plants may go dormant in winter and loose leaves. Warm loving, 60-65 at nite in winter, grow in shade, free of drafts. See photo page 42.
Very rare; single division plants—5.00-7.50-10.00 Branched—7.50-10.00

SILVER JEWEL ORCHID —ERYTHRODES NOBILIS ARGYROCENTRUS. Spring. A beautiful companion to the copper leaved Jewel Haemaria above. Flowers are white on upright stalk. Culture the same as for Haemaria above. Both Jewels excellent for glass containers. Leaves have silver pattern over grey-green background. See photo page 41.
Single divisions—5.00 Branched—7.50-10.00

BLACK JEWEL ORCHID - HAEMARIA NIGRICANS — Same habit of growth as 'Dawsoniana' except the leaves do not have the copper veins. The leaves are nearly black with velvet appearance. Flowers are white on erect spike above foliage.
Single divisions—5.00 Branched—7.50-10.00

LAELIA RUBESCENS (L. Acuminata) — Winter to early Spring. Erect sprays (18"-30") slightly arching with terminal clusters of pale to dark lavender flowers, maroon spot base of lip, about 2" across. Flowers over rather long period. Few come with white flowers. Easily grown and flowered with cattleyas.
Treefern Slab—5.00-7.50-10.00

MORMODES COLOSSUS. Summer to Winter. Allied to Cycnoches and Castasetum. Grown and handled the same as Cycnoches (Green Swan). Best to ship after August 1st when bulbs are completed for flowering. Flower stem is erect or straight rather than arching. Flowers vary in coloring from chartreuse to brownish shades with small spotting throughout sepals and petals. Labellum arches over column. See photo above.
Flowering size—7.50-10.00-12.50-15.00

NEOBENTHAMIA GRACILUS. Grows like bamboo — reed-like stems with narrow leaves. Flowers for weeks at a time. Late summer thru winter. Flowers are small in terminal clusters 3" to 4" across. Flower is white with small amount rose-purple spotting on labellum either side of central yellow stripe. See photo above.
3"—5.00-7.50

MAXILLARIA TENUIFOLIA

ONCIDIUM TRIQUETRUM

ONCIDIUM PULCHELLUM

ONCIDIUM — See pages 47 and 48.

PERISTERIA — See page 50.

PHAIUS — See page 49.

PHALAENOPSIS — See pages 27 - 32.

RENANTHERA — See page 39.

RODRIGUEZIA SECUNDA. Spring. Arching sprays of dark rose pink flowers 6" to 12" long. Lip darker. Compact grower.
Flowering size—5.00-6.50-8.50-10.00

TRICHOPILIA SUAVIS. Creamy white flowers with large ruffled lips, spotted with purple. Grow with Cattleyas. Water well when growing May-November. Flowers in spring. See photo page 42.
Flowering size—5.00-6.50-7.50

TOM THUMB ORCHIDS

ONCIDIUM CHEIROPHORUM. The small bright yellow-flowered scape is longer than the 4 to 6 inch plant. Flowers are fragrant. See photo page 46.

ONCIDIUM PULCHELLUM. Flower scapes slender and branched 12-18" high. Flowers white, flushed with rose. The lip is large, size of quarter, with yellowish spot in front of the crest. Summer blooming. See photo above.

ONCIDIUM TRIQUETRUM. Flowers less than an inch wide, purple, green and white. See photo above.

ONCIDIUM INTERMEDIUM — Growth as in O. Pulchellum. Butter yellow flowers on arching sprays 18" to 24" long. Plant 4" to 8" tall. Summer.

ONCIDIUM VARIEGATUM — Growth as in O. Pulchellum. Sprays of white lipped flowers with some spotting near basal area of sepals and petals also crest. Summer.

EPIDENDRUM BOOTHII (E. Paleaceum). A small grower 6" to 12" tall with off white flowers over an inch spread. Lovely arbutus fragrance. Flowers late spring and summer.

EPIDENDRUM POLYBULBON. Pseudobulbs 1" high, ¾" flowers. Sepals and petals yellow and brown, lip white.

EPIDENDRUM SCHLECTERIANUM. Compact growths 1-2" long. Flowers in pairs ½" across, pale yellow tinged with pink, column tinged dull purple.

Continued Next Page

NOTE: We have other species orchids from time to time. If you want certain plants, write us for quotations.

ONCIDIUM CHEIROPHORUM

EPIDENDRUM PLICATUM

ONCIDIUM POWELLII

Tom Thumb Orchids

JACQUINELLA GLOBOSA—'Minima'. Flowers cream color. Plant 3" tall.

JACQUINELLA GLOBOSA—'Maxima'. Flowers cream color. Plant 5"-7" tall.

IONOPSIS PANICULATA. Spring and various. Sometimes flowers twice a year. A small growing (4"-6" tall) orchid that produces 18"-24" flower spikes. Sepals and petals nearly white flushed lavender with purple at the base of the lip. Many flowers on branched flower stem. Likes filtered sunlight.

ISOCHILUS LINEARIS. Fall to winter. Stems erect (10"-15") from a creeping rhizome. Leaves sheathed alternate up stem. Modernistic effect. Small flowers are terminal in a one sided raceme of a rose-magenta color.

LOCKHARTIA PALLIDA. Cream and yellow. Leaf pattern modernistic.

MAXILLARIA TENUIFOLIA. "Coconut Orchid" smells like coconut cake. Dark red flowers. See photo.

PLEUROTHALLIS FULGENS. Bright red.

PLEUROTHALLIS GROBYI. Yellow and crimson.

SURINAM MINIATURE — Summer and various. Nearly prostrate growing habit. Leaves in pairs form of V. 1"-2" long. Small flowers 3/8", greenish bronze sepals and petals, olive green lip —terminal spray 3" long.

TETRAMICRA ELEGANS — Thin cylindrical bulbs and leaves 4" to 8" tall. Flowers have delightful peppermint stripes on labellum on 10" to 15" scapes. Stands salt air. Summer.

Tom Thumb Prices: 3.50 each. Flowering size.
3 plants, your selection, 9.75
Note: For other Tom Thumb orchids see our list of Rare Botanical Orchids next page.

AMERICAN ORCHID SOCIETY

We suggest that anyone interested in growing orchids become a member of the American Orchid Society in order to receive the monthly bulletin. Membership is $7.50 per year, which includes subscription to the Bulletin. Make checks payable to the American Orchid Society, Inc., and send to Gordon Dillon, Executive Secretary, Botanical Museum of Harvard University, Cambridge 38, Massachusetts.

RARE BOTANICAL ORCHIDS

We offer unusual orchids that once belonged in the greatest private orchid collection in this country. These are collector's items for growers who appreciate rare and different orchids. Flowers of fascinating colors, sizes and shapes are included.

The plants are labeled as to genus, not as to species. Plants must be of our selection, but if you state preference as to genera, we will do our best. Please indicate your first and second choices. We will select for you as many different kinds of orchids as the number of plants you order (no two alike). These are offered at very low prices because identifications are not complete. You may be able to identify the varieties as they bloom by comparing flowers with descriptions in orchid books.

The following genera are available (* indicates Tom-Thumb orchids.)

***BULBOPYLLUM**	**ERIA**	***PLATYCLINIS**
***CIRRHOPETALUM**	***MAXILLARIA**	***PLEUROTHALLIS**
COELOGYNE	***PHOLIDOTA**	**POLYSTACHYA**
EPIDENDRUM	***PHYSOSIPHON**	

CIRRHOPETALUM BIFLORUM — A unique two flowered (approx. 4" long) small growing Cirrhopetalum. Central sepal tapering with dark purple stripes. Side sepals densely flecked with red with greenish points. Lip is short, yellow with red dots.

CIRRHOPETALUM COLLETTII — Olive green bulbs — Flower up to 4" long. Yellow, red, orange stripes with red sepals and petals — dark red lips.

CIRRHOPETALUM SIKKMENSE — Miniature bulbs size of marble. Flower description unknown.
*Cirrhopetalums are often referred to as Bulbophyllums in orchid literature.

Prices: 4.00 each; 3 for 11.00

ONCIDIUM SPECIES

ONCIDIUM AMPLIATUM 'MAJUS'. Large, bright yellow flowers produced in abundance on long branching spikes that may be 3 to 5 feet long. March-May. Feed during growing season. See photo page 43.

2½"—2.50 4"—5.00 Flowering size—7.50-10.00-12.50-15.00

ONCIDIUM ANSIFERUM. Pseudobulbs flat ovals like angel-fish. Long spikes of canary yellow flowers spotted-red-brown. Rare. Spring and summer.

Flowering size—6.50-7.50-10.00-12.50

ONCIDIUM CABAGRAE. Free-flowering spikes of yellow and brown flowers. Spring.

Flowering size—5.00-7.50

ONCIDIUM FLEXUOSUM — Free-flowering sprays 18 to 30 inches long. Flowers bright canary-yellow nearly inch in diameter. Can flower anytime of year with each new growth. Excellent for totems of tree-fern.

Mounted on Treefern—4.95

ONCIDIUM PANAMAENSIS. Similar to O. sphacelatum. Yellow. Spring.

4"—6.50 Flowering size—7.50-10.00-12.50

ONCIDIUM PARVIFLORUM — Long arching sprays in the Spring. Flowers are brownish-green with yellow.

Flowering size—5.00-7.50-10.00

ONCIDIUM POWELLII. This is a rare species. The flowers are large and resemble an Ondontoglossum. The sepals and petals are very curly. Chocolate-brown. See photo page 46.

Flowering size—10.00-12.50

ONCIDIUM SPHACELATUM. Spring. Arching yellow and brown sprays. Easy to grow and flower.

Flowering size—5.00-7.50-10.00-12.50

ONCIDIUM SPLENDIDUM. The "dancing lady" orchids named because of the bouffant yellow skirts. Brown-spotted sepals and petals. Many flowers on tall erect spikes. December-March. Long-lasting. Water weekly when growing. Water only once a month in fall when resting before blooming.

Flowering size—5.00-6.50-7.50-10.00-12.50

ONCIDIUM STENOTIS — Arching sprays of yellow and brown flowers.

Flowering size—5.00-7.50-10.00

ONCIDIUM STIPITATUM — Long cigar-shaped pseudobulbs. Flowers yellow "dancing ladies" each about th size of a nickel in compact clusters. Rare See photo page 43.

Flowering size—5.00-6.50-7.50-10.00-12.50

See also TOM THUMB ONCIDIUMS page 45.

ONCIDIUM AND MILTONIA HYBRIDS

No quantity discount on Oncidium hybrids.

O762 **O. CRISPUM x O. JAVA.** Crispum has greenish-brown sepals, rich chestnut brown petals with lip same color and spotted yellow with red base. Should tend to flower in fall.

1¾"—2.50 2½"—3.50 3"—7.50

O903 **ONCIDIUM SARCATUM (Oncidium Sphacelatum x Oncidium Sarcodes).** Spring. O. Sarcodes has chestnut-brown sepals and petals bordered with yellow, lip bright yellow, chestnut-spotted near the crest. This cross will produce long graceful flower sprays of unusual color. See color photo inside back cover.

2½"—2.50 3"—4.00 4"—7.50-10.00

O877 **ONCIDIUM SPLENDIDUM x ONCIDIUM BICALOSUM.** Both are winter flowering from Central America. Spendidum has one of the largest labellums with upright flower spikes. Bicalosum has scapes about 18" tall and sometimes branched. Sepals and Petals yellow, lip bright yellow. Should make an excellent Yellow Spray for Winter enjoyment and flower arrangement.

1¾"—2.50 2½"—5.00 3"—7.50 4"—10.00-15.00

OM841 **MILTONIA FLAVESCENS x ONCIDIUM SARCODES.** Spring. See description of O. Sarcodes in O903. M. Flavescens is a warm growing species from Brazil. Sepals and petals light lemon yellow, lip whitish yellow with bottom half red-purple, flower spike 18" long. Will make an interesting hybrid that is easy to grow and flower.

1¾"—1.50

M992 **MILTONIA CLOWESII x MILTONIA SPECTABILIS 'MORELIANA'** — Easy to grow with cattleyas.
M874 Spring and Summer. Flowers 2½"-3" lavender to reddish purple irregular pattern.

1¾"—2.50

M996 **MILTONIA SPECTABILIS 'MORELIANA' x MILTONIA BLUNTII 'LUBBERSIANA'.** Late summer.
M999 Warm growing Brazilian Miltonias. Flowers are good size 2½"-3". Moreliana has larger flowers than normal Spectabilis and a deep rich purple color, the lip is veined with rose. Lubbersiana has creamy-yellow sepals and petals with blotched reddish-purple areas, lip white, shaded at the base with crimson-purple. Grows well with cattleyas and will be a welcome addition to the orchid grower.

1¾"—2.50 2½"—4.00

1281 **MILTONIDIUM JACK POT (Milt. warscewiczii 'Weltonii' x Onc. varicosum rogersi 'Golden Jubilee' AM-AOS).** One of the finest bigeneric crosses made with selected forms of these two well known species. The color combination of maroon from the Weltonii and the yellow from Golden Jubilee leaves little to be desired. Flowers winter.

1¾"—2.50

1294 **ONCIDIUM PAPILIO x ONCIDIUM KRAMERIANUM** — Two similar and much sought after species combine to give almost continuous flowering habit which is inherited from both parents. As one open flower vanishes another bud emerges to take its place. (Hence, do not cut off flower stem.) Flowers are yellow labellum with edges barred brown and sepals and petals yellow and brown.

1¾"—2.50 3"—5.00 (April, 1963)

REED-STEM EPIPENDRUMS

These Epidendrums have beautifully colored flowers and are very easy to grow. Plant in tree-fern or Bark. Give as much sun as possible. Hang outdoors in summer. Water every day. When growing feed every 2 weeks and once a month in winter.

EPIDENDRUM IBAGUENSE 'SCHOMBURGKIA'. Listed in 1958 catalog as Orange King. This grand species has slender stems with an immense terminal flower head 6 inches across. Flowers are brilliant orange with yellow at base of lip. Spring. See photo below.
2½"—2.50 3"—3.50 4"—4.50 5"—7.50

EPIDENDRUM HYBRIDS

Colors: pink, fuschia, orange, lavender, yellow, red. Sold mixed color only.
Single Stem plants, potted—1.50-2.50
Aerial Offsets 1.00 each; 12 for 8.00 postpaid USA

EPIDENDRUM RADICANS. Bright red-orange ½ inch flowers in clusters during spring and summer. Plants may grow 4-5 feet tall eventually, but begin flowering at about 1 foot. Grow in bright sun, spray daily, and provide stake for support.
Single Stem plants, potted—1.00
4-5 cuttings per pot—3.00
Aerial Offsets 75c each—12 for 6.00 postpaid USA

Terrestrial Orchids (Grown in Soil)

PHAIUS

PHAIUS GRANDIFOLIUS (The Nun Orchid). A charming evergreen orchid from Asia. Easy to grow as a houseplant. Flowers February thru April. Many flowers per spike. Flowers 2½ to 3 inches wide. White on back, brown on front. Lip veined with purple. Wonderful for corsages or as a decorative plant. See photo page 50. Culture instructions sent with order.
Flowering size—7.50
Unflowered, to flower in 1 year—5.00

PHAIUS HYBRIDUS (GRAVESII) (P. Grandifolius x P. Wallichii). A vigorous growing hybrid. Well grown plants will have flower spikes 5 feet tall. Flowers much larger (5") vary in color from buff to satin brown front side of sepals and petals. Back side white, labellum generally contains large area of yellow in basal area.
7.50-10.00-12.50

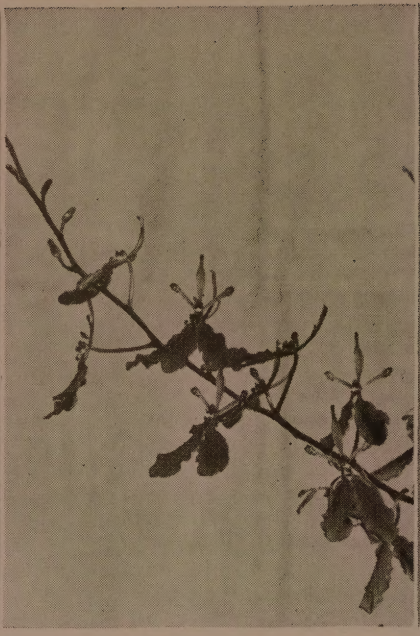
970 PHAIUS HYBRIDUS—selfed. This was a beautiful bronze selection. Flowers 5 inches.
4"—5.00

1064 PHAIUS WALLICHII x P. MACULATA. The later species is a handsome yellow type. Wallachii is also yellow with bronze overtones.
4"—6.00

PHAIOCALANTHE STANNY (Phaius Grandifolius x Calanthe Baron Schroeder). Feb.-March. This bigeneric hybrid is intermediate between the two parents in habit of growth and flowers. The upright spikes have 2½" flowers. Sepals and petals vary from pink to white with some chartreuse. Lip is lavender. See photo page 50.
Flowering size—5.00-7.50

855 SPATHOGLOTTIS — selfed. A terrestrial from the Eastern Hemisphere. Grow wet during growing season and dry when inactive. Purple flowers 2½" across in clusters on tall scape above leaves of the plant.
4"—3.50

PHAIUS GRANDIFOLIUS



RENANTHERA COCCINEA

PHAIOCALANTHE STANNY

CALANTHE

Terrestrial orchid from India. Grow in soil like any houseplant. Flowers on long arching sprays from Thanksgiving to New Years. White and pink varieties, **unnamed.** Culture instructions with order.

Flowering size—5.00-6.00

PERISTERIA ELATA

PERISTERIA

PERISTERIA ELATA. The "Holy Ghost" or "Dove" orchid so called because of the image in the flower. Flowers are fragrant 2-3" across, waxy white, fall. Grow in rich soil and feed during growth and keep watered. See photo.

7.50-10.00-12.50

TIME REQUIRED FOR CATTLEYA HYBRID SEEDLINGS TO FLOWER

The rate of growth depends on the care given. However, under proper conditions, we estimate the following length of time until seedlings reach flowering size:

1¾"—3½ to 4½ years
2¼"—3 to 4 years
2½"—2½ to 3½ years
3" —2 to 3 years
3½"—1½ to 2½ years
4" —1 to 1½ years
5" —flowering size or will next growth

RYNCHOSTYLIS GIGANTEA

See page 39

Bargain Collections

FLOWERING SIZE PLANTS

These collections are of outstanding value and are especially recommended for beginners. All plants are flowering size, some in bud or sheath, and are good hybrids of our choice. Will be selected for flowering in different seasons of the year. All plants established in clay pots. Individual prices per plant range from $7.50 to $25 each. All plants named varieties. (No discount on collections.)

COLLECTION # 1 — 4 plants (minimum value $40) **25.00**
2 lavender Cattleya hybrids
1 white-colored-lip Cattleya hybrid
1 Spray Orchid

COLLECTION #2 — 6 plants (minimum value $75) **$50.00**
4 different lavender Cattleya hybrids
1 white or white-colored-lip Cattleya hybrid
1 Spray Orchid

COLLECTION #3 — 10 plants (minimum value $100) **$75.00**
6 different lavender Cattleya hybrids
2 white-colored-lip Cattleya hybrids
2 Spray Orchids

COLLECTION #4 — 3 Cypripediums (minimum value $32.50) **$25.00**
Assorted colors and season

COLLECTION #5 — 4 Strap-Vandas (minimum value $32.50) **$25.00**

DISCOUNTS ON CATTLEYA SEEDLINGS

POT SIZE	LIST PRICE	5 FOR	10 FOR
1¾"	1.50	1.25 each	1.00 each
1¾"	2.00	1.75 each	1.50 each
1¾"	2.50	2.25 each	2.00 each
2½"	3.00	2.75 each	2.50 each
2½", 3"	4.00	3.50 each	3.00 each
3"	5.00	4.50 each	4.00 each
3½"	6.00	5.50 each	5.00 each
3½"	7.50	6.75 each	6.00 each

PERCENTAGE DISCOUNTS ON ORCHID PLANTS

If you choose to take SEEDLING DISCOUNT as above, then **percentage discounts** shown **below** will NOT apply.

If you are ordering assorted sizes in quantities less than listed above, or larger plants — list your plants at catalog prices and then take percentage discounts on the total amount of order.

Percentage discounts do not apply to a few rare items or selected plants which are already priced as low as possible. Send order for confirmation before sending money.

$ 50.00 to $249.00 ..... **10%**
$ 250.00 to $499.00 ..... **15%**
$ 500.00 to $999.00 ..... **20%**
$1000 and over **30%**

Discounts on this page are the only discounts we give on orchid plants regardless of whether purchaser is an amateur or a commercial grower.

Tropical Foliage Houseplants

GUZMANIA VITTATA

NEOREGELIA CAROLINAE TRICOLO

Bromeliads

The Bromeliads are among the most adaptable of all houseplants because they hold water between their leaves and don't suffer from dry indoor conditions. Will grow in light or shade. Plants are very modern in form and gorgeous in color. They are highly decorative even when not in flower.

When mature, a flower spike of unusual shape and color rises from the center of the plant and may last for several months. After flowering the main plant eventually dies, but suckers are produced to replace it.

Bromeliads may be grown in osmunda fiber, tree fern or bark. All will grow in a mixture of leaf-mold, sharp sand, and peat. Keep center filled with water, spray foliage occasionally, and water roots at least once a week. Feed monthly with Liquid Orchid Fertilizer or Ortho-Gro.

Bromeliad collectors are invited to join the Bromeliad Society at $3.50 per year including the bulletin. Mrs. Jeanne Woodbury, 1811 Edgecliff Drive., Los Angeles 26, Calif. **See book list for Cultural Handbook on Bromeliads.**

Please note that letters and numbers in parenthesis are for photos in Exotic II, some are black and white and some in color.

AECHMEA AMAZONICA 'Black Chantini' — This nickname was given because seedlings showed dark purple background with silver markings of Chantini. Amazonica may not be a valid name but this will distinguish this color form from the silver and green banded A. Chantini.
3"—3.00 4"—5.00 5"—7.50 (Spring, 1963)

AECHMEA ANGUSTIFOLIA. Similar in growth to A. Schultesiana. (See back cover.) Also white berries turning to blue but more berries than Schultesiana. The color of the leaf is creamy white with purple spotting scattered irregularly over the surface. Quite a sight in fruit. See photo page 53.
4"—3.50 5"—5.00-7.50

AECHMEA BROMELIAFOLIA. Leaves long, grey-green in color with spiny edges. Foliage forms on enlarged base in shape of a bottle. Flowers lemon yellow.
4"—3.50-5.00

A. PUBESCENS
A. LUEDDEMANNIANA — B. VENZUELE

AECHMEA CHANTINII. A spectacular bromelaid much sought after by the avid collector. Olive-green background with silver cross-bands. There is variation in the type of growth. Flower spike is erect above leaves with red to pink bracts tipped yellow and white. See color photo inside back cover.
Tree Fern Planter or 3"—3.00-5.00 Specimens—10.00-15.00-20.00

AECHMEA CHANTINII x A. FASCIATA. This is a repeat cross made many years ago in Europe. It has been acclaimed an outstanding hybrid combining the good characters of both parents.
4"—5.00 5"—7.50 (Spring, 1963)

AECHMEA DISTICANTHA—Purplish blue flowers with light rose bracts on a strong spike. Stiff grey leaves with spines.
4"—3.00-4.50

AECHMEA FASCIATA—The Urn Plant. The leaves are sea-green striated with frosty white. Edges toothed. The flower spike comes in late summer from center of urn with pink bracts interspersed with French blue flowers that turn purple and rose. The flowers last 3-5 months.
3"—2.00 4"—3.00-5.00-7.50

AECHMEA FASCIATA 'PURPUREA'—Purple King. This variant has purple to maroon bands with silver markings. The flower spike is the same as A. Fasciata.
4"—5.00-7.50-10.00

AECHMEA FASCIATA—Silver King. This type has almost solid frosted leaves. A very attractive form A. Fasciata. See photo above.
4"—5.00-7.50-10.00

AECHMEA FILICAULIS. A delightfully different bromeliad with green leaves in shade, red if grown in more light. The thread-like panicle may hang down for nearly 6 feet. Flowers are white, bracts bright rosy red in whorls along the extended panicle. Blooms in November. Blue berries. See front cover of Bromeliad Bulletin Nov.-Dec., 1951.
4"—3.00-4.00-5.00

AECHMEA 'FOSTER'S FAVORITE.' Striking, highly polished, wine-red leaves with green at base. Deep blue flowers in winter followed by blue berries which last for months. Easily grown. See photo page 54.
3"—1.00 4"—2.50 5" flowering size—3.50-4.50

AECHMEA FULGENS 'DISCOLOR'. A fine species with maroon color underside of leaves and apple-green on top side. Flowers in May and June on erect spike. Flowers are brilliant blue and red bracts.
4"—3.00-4.50-5.50

AECHMEA LUEDDEMANNIANA. Leaves in a rosette—green above with silver reddish color beneath. Flower spike erect above plant—petals rose, sepals green—then turns to a dense head of blue and white berries and finally turning bright purple lasting many months. See photo above.
4"—3.00-4.50-6.00

AECHMEA x MAGINALI (A. Miniata discolor x A. Fulgens discolor). A lovely hybrid with maroon color underside of leaves and applegreen on top side. Flowers in May and June on erect spike. The bracts are salmon-red and flowers brilliant blue. Very striking combination. Fruit is a round orange-brown berry lasting into fall. See photo below.
4"—3.00-4.50-6.00

AECHMEA MARIAE REGINAE. Flowers tipped blue on a tall spike, half its length covered with rose-pink 4 inch long bracts. Leaves green shaded in rose bronze underneath. (E-286).
4"—3.00-4.00-5.00-7.50

AECHMEA MEXICANA—Leaves graduate to a point and are pale green with darker green spots. Leaves become rose-tinted in the sun. Flowers bright crimson in large panicle in winter. Whitish berries.
4"—3.00-4.50-6.00

AECHMEA ORLANDIANA. Flowers in winter with orange spike and white flowers. Zigzag mottlings of dark chocolate against the pale green background of leaf. See color photo back cover.
3"—1.50 4"—3.00-4.50-6.00

AECHMEA PENDULIFLORA. (A. Schultesiana). Strawberry red color when mature if given enough light. A remarkable fruit of white and blue berries which lasts for several months. See color photo back cover.
4"—3.00-4.50-6.00

AECHMEA PINELIANA. A dwarf type with dense rosette of leaves edged with black spines. Leaf is rose and copper over green with a surface bloom like powdered sugar. The erect flower spike is eye-catching—red bracts and a compact head of yellow bristle-like petals. See photo.
4"—3.50-5.00

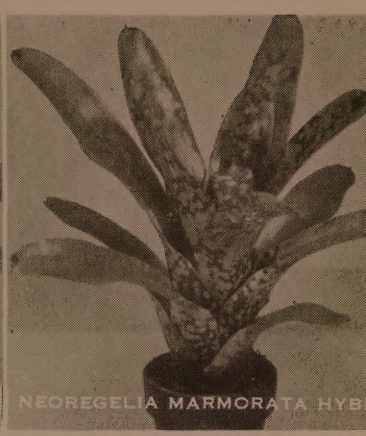
AECHMEA PUBESCENS. Leaves in a rosette—green above with brown-red underneath. Inflorescence slender erect red stem and branched. Resemble ears of wheat (striped pale green and dark green). Straw colored petals turn a leaden blue at maturity. Blue berries hold 8 months. See photo page 53.
4"—3.00-4.50-6.00

AECHMAE RACINE. 'Christmas Jewels'. Leaves are glossy green. Brilliant orange-red berry-like inflorescence with yellow and black flowers drooping over cup.
4"—3.00-5.00

FOSTER'S F ORITE

AECHMEA X MAGINALI

AECHMEA PINELIANA



VRIESEA HELICONOIDES

AECHMEA x ROYAL WINE. (A. Miniata Discolor x A. Victoriaeana Discolor). A plant of startling contrasts. Underside of leaves are brilliant burgundy wine color. Top side of leaves are apple green. Flower spike pendant with brilliant blue flowers. Berries are blue and long lasting. (E-286). See photo page 59.
4"—3.00-4.50-7.50-10.00

AECHMEA TILLANDSIOIDES. 'KIENASTII. Leaves glossy green. Flower spike erect above the plant and branched. Patriotic colors—red—white and blue. Bracts red and fruit white turning clear blue. Compact grower. See photo page 60.
3"—1.50 4"—3.00-4.50-6.00

AECHMEA WEILBACHII. Var. WEILBACHII. Leaves are green with minute teeth. Flower spike is erect and long lasting, with bright lilac sepals and petals, red berries. Blooms in December.
4"—3.50-5.00

AECHMEA WEILBACHII 'LEODIENSIS'. Leaves are a sepia-red with minute teeth. Flowers same as above (E-286).
4"—5.00

ANANAS COMOSUS — The true edible Pineapple. Upright rosette of stiff leaves spiny edged with grayish to bronze-green color. Violet-purple flowers are borne at terminal of erect flower stalk. Fruit develops as shown in photo. Requires about eight months from flowering to ripening when fruit gives a delightful aroma. Plants will be shipped with fruite initiated. Photo page 57.
6"—5.00

BILLBERGIA DISTACHIA 'RUBRA'. Upright tubular growth. Leaves look like purple haze in the sky with silver clouds shining thru. Pendulous flowers rise above the urn and are green tipped with blue, rose bracts. Unusual color effect.
3"—1.50 4"—3.00-4.50-6.00

BILLBERGIA x FANTASIA. A fantastic new hybrid. Cream-colored markings on light green background. Improved Saundersi. See photo back cover.
4"—3.00-4.50-6.00

BILLBERGIA x GERDA (B. Horrida x B. Amoena var. rubra). A striking cross. Silver bands with a reddish background. Grow in adequate light to develop color.
3"—2.50 4"—5.00

BILLBERGIA MEYERI. Upright tubular habit similar to V. Venezueleana. Leaves coil at end. Color pattern spotted gray and bronze. Greenish flowers.
3"—3.00 4"—5.00

BILLBERGIA x MURIEL WATERMAN (B. horrida x B. euphemiae var. rubra). A truly handsome bromeliad. Bright burgundy with silver bands when grown in adequate light. Color photo back cover.
4"—5.00 medium size.

BILLBERGIA PYRAMIDALIS. Winter flowering type. A compact vigorous grower with smooth green leaves. Erect flower spike, brilliant scarlet with slight blue tinge. Flowers in December. The regular variety flowers in summer.
4"—3.00-4.00-5.00

BILLBERGIA VENEZUELEANA. Urn growth habit. Dark bronze leaves marked with distinct irregular cross bands of silver. Rose bracts, sepals white and petals chartreuse. Very decorative plant. See photo page 53.
3"—1.50 4"—3.00-4.50-6.00

BILLBERGIA BRAZILIENSE (Zebrina). A contrasting color pattern of silver-grey, tan and green on outside of leaves. The spike curves downwards with blue flowers and pink bracts. See color photo front cover and black and white page 60.
3"—1.50 4"—3.00-4.50

CANISTRUM LINDENI. Rosette of light green waxy leaves with darker green mottling. Edge of leaves toothed. White flower in center. See photo page 55.
4"—5.00-7.50-10.00

CRYPTANTHUS BEUCKERI. An attractive species. Light green slender leaves with darker green areas. Nice for dish gardens to give height in background (8" to 15" tall).
3"—1.00

CRYPTANTHUS BIVITTATUS (roseus pictus). A spectacular, star-shaped, prostrate plant with decided stripes and a salmon-rose color. Very attractive on a coffee table.
3"—75c

CRYPTANTHUS BIVITTATUS 'Cafe au Lait'. Same habit of growth as bivittatus without banding. Leaves have solid pale pink color.
3"—1.00

CRYPTANTHUS BROMELIOIDES 'TRICOLOR'. Multicolor rainbow foliage. Choice. See photo below.
3"—1.50 4"—3.00

CRYPTANTHUS FOSTERIANUS. Beautiful color design.
4"—2.50

CRYPTANTHUS FOSTERIANUS HYBRIDS. Similar to parent. See photo below.
4"—2.00-2.50-3.00

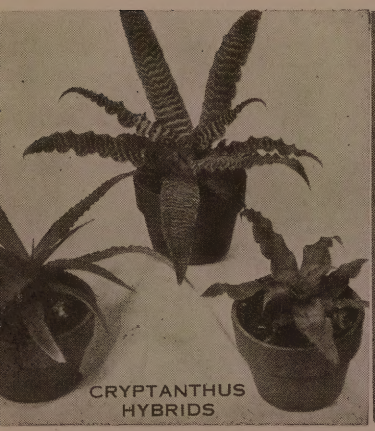
CRYPTANTHUS HYBRIDS. No two alike. See photo below.
4"—2.00-2.50-3.00

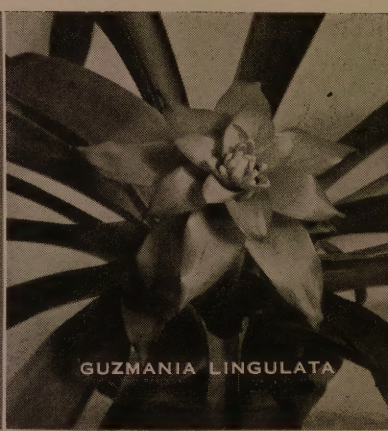
CRYPTANTHUS LACERDAE 'Silver Star.' This is a distinct star shape in plant oddities. The leaf is an emerald-green with a frosty band of white down the center.
3"—1.00

CRYPTANTHUS x RACINAE. A fine hybrid with C. Fosterianus as one parent. Leaves are narrower than parent but has fine rose-pink color and banding of pewter color.
3"—1.50

CRYPTANTHUS ZONATUS VAR. VIRIDIS. This lovely variant of zonatus has zebra bands of silver and green. A real gem.
4"—3.00

CRYPTANTHUS BROMELIOIDES 'TRICOLOR'


CRYPTANTHUS HYBRIDS


GUZMANIA LINGULATA

ALBERTS & MERKEL BROS., Inc.

Orchid Nurseries

P. O. Box 537

Boynton Beach, Florida

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PAYMENT RECEIVED
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STREET _____

POST OFFICE _____ ZONE _____

STATE _____

EXPRESS ADDRESS _____

GIVE ONLY IF DIFFERENT FROM P. O.

QUAN.	CATALOG NUMBER	DESCRIPTION	WGT.	POT SIZE	UNIT PRICE	TOTAL DOLLARS	TOTAL CENTS

TOTAL SHIPPING WEIGHT _____

AMT. FOR PLANTS		
TOTAL FROM OTHER SIDE		
TOTAL		
DISCOUNT		
TOTAL		
SPECIAL HANDLING		
SPECIAL DELIVERY		
SHIPPING CHARGES		
AMOUNT DUE		
REFUND		
TOTAL		

- ☐ Plants Shipped in Pots
- ☐ Plants Shipped Out of Pots
- ☐ Send Additional Order Blanks
- ☐ Check or Money Orer Enclosed

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P.S.. FOLIAGE PLANTS SHIPPED IN PLASTIC POTS
ORCHID PLANTS SHIPPED IN CLAY POTS

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Back Order _____

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Quan.	Description (Please circle item wanted)	Total Dollars	Total Cents
	FERTILIZERS Dilute according to directions on package.		
	Ortho-Gro (fish emulsion) Pint $1.40 ppd.; quart $2.10 ppd.; 1 gal. $4.95 F.O.B. Orchid Vitex (18-18-18) 14 oz. $1.65 ppd.; 5 lbs. $5.50 ppd.; 25 lbs. $16.75 F.O.B.		
	Orchid Vitex 'Hi-Fos' (6-25-15) 14 oz. $1.65 ppd.; 5 lbs. $5.50 ppd.; 25 lbs. $16.75 F.O.B. Orchid Vitaponex (6-7-17) 14 oz. $1.65 ppd.; 5 lbs. $5.50 ppd.; 25 lbs. $16.75 F.O.B.		
	Ease Tanbark Fertilizer (30-10-10) 14 oz. $1.65 ppd.; 5 lbs. $5.50 ppd.; 25 lbs. $16.75 F.O.B.		
	INSECTICIDES AND FUNGICIDES		
	D-X Aero Spray Bomb $1.60 ppd. Kelthane (Mites) 4 oz. $1.35 ppd. Supercide Pint $2.50 ppd.; Qt. $4.50 ppd.		
	Hydromix Garden Insecticide 8 oz. makes 6½ gals. $2.00 ppd. Hydromix Garden Insecticide Quart makes 25 gal. $4.60 ppd.		
	Hydromix Garden Insecticide Gallon makes 100 gals. $13.50 F.O.B. (Contains Malathion and Methoxychor for scale, insects, aphids, etc.)		
	Malathion 4 oz. $1.65 ppd. (Scale - Insects) Malathion 8 oz. $2.40 ppd. Anti-Damp (Damp off Seedlings) pint $2.50 ppd.		
	DuPont Fermate (Fungicide) 8 oz. Canister $1.30 ppd.		
	Natriphene (Fungus and Bacteria) Trial size $1.25 ppd.; 6 oz. $2.75; 2½ lb. $8.40 ppd. Orthocide (Fungicide) ½ lb. $1.85 ppd.		
	Tersan (Fungicide) 8 oz. $2.45 ppd. *Die-Slug (Snails) pint $2.75 ppd.; Qt. $3.85 ppd.; Gal. $9.00 F.O.B. (liquid Metaldehyde)		
	Slug-O (Metaldehyde Powder for Snails) 1 lb. $1.90 ppd.		
	OSMUNDA — Hobby Bag $2.00 ppd. (enough for 3-4 plants) Bale $12.50 (dark and light brown mixed) F.O.B.		
	ORCHID - COCO - FIBER — Hobby Bag $2.00 ppd.		

(continued on reverse side)

- ☐ Send Additional Order Blanks
- ☐ Check or Money Order Enclosed

Amt. for Supplies		
Total Br't. from other side		
Shipping Charges		
Total		

Signature _____

TERMS: CASH WITH ORDER. THANK YOU.

(SUPPLY ORDERS DO NOT NEED TO BE CONFIRMED)

QUAN.	DESCRIPTION (PLEASE CIRCLE ITEM WANTED)	TOTAL DOLLARS	CENTS
	POTTING MIXES — BARK — TREE FERN		
	Silvabark Bark Hobby bag $2.00 ppd. Ivory Forest Humus Hobby bag $1.25 ppd. FINE BARK ⅛" x ¼" (Seedlings to 3"); ¼" x ½" (MEDIUM) 2 cu. ft. bag $4.95 F.O.B. COARSE ½" x 1"; LARGE 1"; Overall 2 cu. ft. $4.95. (Note: It costs no more to ship 2 bags than 1 bag, because of minimum 100 lbs. Freight rate.)		
	DORADO (Golden) TREEFERN: COARSE $5.25 1¾" to 4" pots. FINE $4.50. SMALL CHUNKS $5.75 — 5" - 7" pots. LARGE CHUNKS $5.25. All 2 cu. ft. Bags. F.O.B.		
	Charcoal (Hardwood) Hobby Bag $1.50 ppd.—20 lb. bag $2.50 F.O.B. Mostex (Sphagnum Moss) Hobby Bag $1.25 ppd.		
	Orchid Vita-Mix { Large size $2.75 (West of Miss. add 20c) ppd. For Orchid Seedlings Jumbo size $10.50 (West of Miss. add 50c) ppd.		
	Vita-Rox (Perlite) { Large size $1.50 (West of Miss. add 20c) ppd. (Miracle Rooting Medium) Jumbo size $3.25 Express collect		
	Vita-Soil { Medium size $1.00 (West of Miss. add 10c) ppd. For Tropical Plants Large size $1.75 (West of Miss. add 15c) ppd.		
	ALUMINUM POTTING STICKS		
	3 sizes (Round & Tapered ends) $2.25, $3.25, $4.00 ppd. Ivory Bark Potting Stick (with handle and tapered end) $3.00 ppd.		
	PLANT CLIPS ★ STAKES ★ RINGS		
	10 Plant Clips 75c ppd. 100 Plant Clips $4.00 ppd.		
	10 Pot Clip Stakes $1.75 ppd. 100 Pot Clip Stakes $10.00 F.O.B.		
	10 Snap on Tie Rings $1.95 ppd. 100 Snap on Tie Rings $12.00 F.O.B.		
	WATER NOZZLES		
	Ease Tanbark "400" Water Breaker for Mature Plants $2.05 ppd. (400—1/32" holes gives soft rain effect: for pressure 25 to 50 lbs.)		
	Flat Fan Spray Nozzle (steel, for seedlings) $1.90 ppd. Flat Fan Spray (brass, for seedlings) $2.25 ppd.		
	Hydromix Mist Nozzle $1.00 ppd.		
	HYDROMIX AUTOMATIC GARDENER		
	Hydromix Automatic Gardener $4.95 ppd. Hydromix Spare Bottle $1.00 ppd. (For use with Ease Tanbark Fertilizer and Hydromix Garden Insecticide (Instr. included).		
	LABELS		
	Slip-on Plastic ½" x 5", white, red, yellow, green, orange, $1.25 per 100 ppd. Slip-on Plastic, ⅝" x 7", white, red, yellow, green, orange, $1.75 per 100 ppd.		
	Orchid Pot Labels, ⅝" x 4", white, red, yellow, green, orange, $1.30 per 100 ppd.		
	Orchid Pot Labels, 1" x 4", $1.75 per 100 ppd. (available in white, red, green, blue, yellow, orange)		
	Orchid Record Label 1" x 6" long, white, red, yellow, green, $2.25 per 50, $3.35 per 100, $15.00 per 500, $25.00 per 1000 ppd.		
	Waterproof Pencil, 20c ppd.		
	Handy Package: 45 Slip-on Plastic Labels, 10 Assorted Color Pot Labels, 1 Waterproof Pencil, $1.25 ppd.		
	BOOKS		
	"You Can Grow Orchids", $1.98 ppd. "The Orchids", $14.00 ppd. "Plants Indoors", $6.95 ppd. — "Your First Orchids", $2.00 ppd.		
	"Home Orchid Growing", $10.95 ppd. "Venezuelan Orchids", Vol I, $15.00 ppd. "Corsage Craft", $4.95 ppd. "Venezuelan Orchids", Vol. II, $20.00 ppd.		
	Bromeliad Cultural Handbook, $2.00 ppd. Drawings of Florida Orchids, $4.75 ppd. Miniature Plants, $5.95 ppd. "Gardening in a Small Greenhouse", $4.95 ppd.		
	"African Violets, Gloxinias, and Their Relatives", $10.00 ppd. "Exotica", $38.00 ppd. 3rd Edition 2 Vol. Edition $45.00.		
	TOTAL THIS SIDE		

ANANAS COMOSUS (PINEAPPLE)

CRYPTBERGIA MEADII. Small plant with narrow rosette of leaves that are straw color with mottled smudges of green.
3"—1.50

CRYPTBERGIA RUBRA. Small plant with narrow rosette of leaves that are rose to mahogany in color. Very attractive foliage plant.
3"—1.50

DYCKIA FOSTERIANA. Compact rosette of recurved leaves with deeply serrated edges. The startling effect of the frosted silver color of the leaves with a purple haze background leaves you spell-bound. E-297).
4"—3.00

GUZMANIA BERTERONIANA — Rosette of green leaves. Very showy inflorescence rising above foliage. Orange-red bracts with bright yellow flowers. E279 color.
4"—3.50 5"—5.00-7.50

GUZMANIA LINGULATA (ECUADOR). The leaves are soft green and smooth in compact rosette approximately 18 inches across when flowering size. The inflorescence is erect above the leaves in the form of a star—salmon orange. Everyone admires this beauty. See photo page 56.
5"—10.00

GUZMANIA LINGULATA VAR. 'PEACOCKI'. Rosetti leaves with radiating lines from base of leaves. Color of leaves reddish rose. Exciting over all color. Smaller than Zahnii. See photo above.
4"—5.00-7.50

GUZMANIA LINGULATA MINOR. A compact rosette of pale green leaves with some pencil lines. Erect flower spike, reddish orange star shaped bracts with white flowers. Raised from seed from a selected fine clone. (E-279 color).
3"—2.00 4"—3.50-5.00-7.50

GUZMANIA x MAGNIFICA. The leaves are soft green and smooth with narrow red lines radiating from the base of the leaves and fading out near middle. The inflorescence is erect above the leaves in the form of a red star. This was raised from seed. Seems to resemble G. Minor flames.
4"—4.00 5"—5.00-7.50

GUZMANIA MUSAICA. This stunning bromeliad has lush green leaves with fine line crossbands of dark green to red-brown above and purplish lines waved underneath. Flower spike has red-lined bract leaves—head orange-red bracts and golden flowers tipped white. (E-color-279).
10.00-15.00

GUZMANIA VITTATA. Outstanding cross-banding of maroon color on a chartreuse leaf background. See photo page 52. Flower spike erect but insignificant.
4"—4.00-7.50

GUZMANIA ZAHNII. Another remarkable bromeliad. Upright rosette of leaves with radiating maroon lines. Branching inflorescence with pink to yellow bracts and white flowers. (E-300).
4"—5.00-7.50-10.00

HOHENBERGIA RIDLEYII. This is a very handsome golden yellow rosette type. Supply limited. It has an upright flower spike which is lavender tinted.
5"—7.50-10.00

NEOREGELIA AMPULACEA. Upright rosette with leaves flaring out at top. Mahogany crossbands both sides of leaves. Blue flowers in cup. Small type 6" to 8" tall.
3"—1.50 4"—3.00-5.00

NEOREGELIA CARCHORODON. Spreading rosette—leaves have purplish-maroon spots above, banded beneath on a background of pale yellow to green. Spines are purplish and red tipped. Flowers white with ends lavender. (E-298).
3.00-4.00-5.00-7.50

NEOREGELIA CAROLINAE. Spreading star shaped leaves, dark green with copper overtone. The brilliant bracts in the center of the plant are orange-red, flower petals are violet-purple edged white low in center of plant. The lacquer colored bracts have been known to hold color for a year. Par-excellence as a house plant. (E-color-279).
5.00-7.50-10.00

NEOREGELIA CAROLINAE VAR. MARECHALL. A selected European form more compact than N. Carolinae above. When grown in proper light the bracts and leaves attain a gorgeous salmon-crimson color. Flowers lilac. A real favorite.
3.50-5.00-7.50-10.00

NEOREGELIA CAROLINAE VAR. TRICOLOR. The most attractive of the Carolinae forms. The leaves have variegated stripes longitudinally. The whole plant seems to color up when in flower and glistens in bright light. Always wanted. As in all the Carolinaes plants remain in color from six months to a year. See photo page 52.
10.00-15.00-20.00

NEOREGELIA CRUENTA. Upright compact rosette—leaves rather broad of light straw color which contrast with the red spines on margin and bright crimson tips as in the painted fingernail. Will take full sun.
3.50-5.00-7.50

NEOREGELIA HYBRID 'Painted Fingernail'. Green leaves of this rosette-type plant are tipped with red. Blue flowers, generally appearing in spring, remain low in the cup. Can serve as a natural vase when not in flower. See photo back cover.
4"—Small plants 6"-8" high—**2.00-3.00 (postpaid Cont. U.S.A. 2.98)**
5"—specimen—**4.50-6.50-7.50**

NEOREGELIA HYBRID 'PINKIE'. This painted fingernail has predominant pink leaves.
4"—3.00-5.00-7.50

NEOREGELIA MARMORATA FRENCH HYBRID. This selected French hybrid is more striking than the ordinary Painted Fingernail. The stiff upright leaves are soft yellow green with crimson blotches and cherry tipped ends. Thought to be hybrid of Spectabilis x Marmorata. Given the proper light and it is spectacular. Lavender flowers deep in cup. See photo page 55.
5.00-7.50-10.00

NEOREGELIA OSSIFRAGI. A new species from Peru. A compact upright rosette of leaves—medium green color—contrasting dark purple spines. The leaves recurve into a tight circle. Plant 10"-15" tall. See photo page 59.
3.50-500

NEOREGELIA ZONATA. Nice form. Rather broad rosette of olive green leaves—blotched and banded with wine-red on top and underside—flowers pale blue in cup. 8"-10" tall. Will take nearly full tropical sun.
2.50-3.50-5.00-7.50

PITCAIRNIA SPECIES—Nicaragua. Leaves green with serrated edges. Upright habit. (Hawkes 5841).
4"—3.00

NEOREGELIA OSSIFRAGII

VRIESIA MARIE

AECHMEA x ROYAL WINE

PORTEA PETROPOLITANA EXTENSA. A large grower of glossy chartreuse leaves in upright habit. Dark purple spines. Inflorescence is 3"-4" long, lasts in fruit for several months. Tubular flowers in pink, green, and lavender. (E-278-308).
6"—7.50-10.00

QUESNELIA ARVENSIS. A handsome upright cylindrical flower spike, bracts watermelon pink, flowers deep purple. Leaves green and serrated.
4"—3.50-5.50

TILLANDSIA x EMILE (Cyanea x Lindenii). Compact grower—leaves dark yellow-green with base color red-brown. Inflorescence more slender than Cyanea—bracts of iridescent watermelon pink. A show piece. Large royal blue flowers. (E-313).
5.00-7.50-10.00

TILLANDSIA IONANTHA. A fine miniature 3 inches high. Silvery tomentose leaves are narrow in a tight rosette. They blush bright red in early spring and the flowers are blue. Give sun. See photo page 60.
3"—1.25

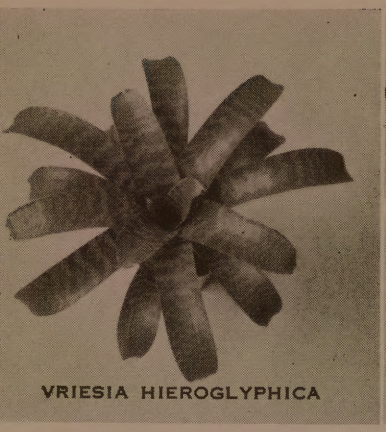
TILLANDSIA LINDENI. At maturity plants are about 15 inches in diameter with leaves pencilled in dark, reddish-purple lines. The spike rises above rosette on a round, slender stem which widens and flattens into a vivid watermelon color. Large royal-blue flowers pale in center. Wonderful accent plant. (E-311).
5.00-7.50-10.00

TILLANDSIA PARAENSIS. A small growing species 5"-7". Leaves are very dark grayish green, swollen base. Flower bracts are a watermelon pink.
Mounted on Tree Fern slabs 3.00

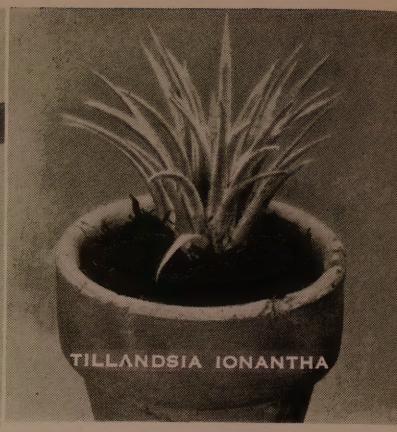
VRIESEA CARINATA 'Lobster Claw'. A small plant with smooth pale green leaves in rosette. Flower spike erect above foliage, painted feather design with yellow bracts and crimson base. Flowers yellow. Long lasting.
4"—3.50

VRIESEA CARINATA HYBRID MARIE 'Painted Feather'. Solid green leaves. Flat feather-shaped spike of bright red and yellow bracts, keeps fresh for 6 months in winter. An exciting houseplant.
4" Flowering size—7.50 To flower in one year—5.00 See photo above.

VRIESEA FENESTRALIS. A compact grower—leaves are chartreuse, spiral and recurved, topside of leaf has a rectangular window design and underside of leaf has maroon blotches resembling freckles. Flowers rich yellow. See photo page 57.
5.00-7.00


VRIESIA HIEROGLYPHICA

VRIESIA IMPERIALIS


TILLANDSIA IONANTHA

VRIESEA HELICONOIDES. The unassuming appearance of its foliage is made up by startling upright flower spike. Bright red bracts edged in chartreuse. See photo page 55.
4"—5.00 medium size

VRIESEA HIEROGLYPHICA. King of the bromeliads. Light green rosette of leaves, crossbanded with hieroglyphic marks of dark green above and purple brown beneath. Once seen the plant is never forgotten. Flowers are sulphur-yellow on tall branched spike. Grow moist and in shade. See photo above.
3"—5.00 (small plants—limited) **5"—10.00-12.50**

VRIESEA IMPERIALIS. Heavy substance in leaves which are green or deep wine red in good light. Tall branched inflorescence with large bracts of maroon red and yellow flowers. See photo.
4"—5.00-7.50-10.00

VRIESEA MALZINEI. A very beautiful claret-wine color underside of leaves with topside having green over the color. Plant is a compact rosette—12" tall at maturity and same spread. Flower spike is cylindrical rising 6" above leaves—bracts are yellow with green margins.
3"—2.50 4"—5.00-7.00

VRIESEA PERFECTA. Rosette of smooth apple-green leaves. Flower spike is upright 12"-16" with deep red bracts. Bracts are broader than V. Splendens and the spike is somewhat inflated rather than flat. Much sought after by every collector.
7.50-10.00

BILLBERGIA ZEBRINA

Left to Right: A. TILLANDSIOIDES — V. FLAMENSCHWERT — V. ILLUSTRIOUS — V. FLAMME

VRIESEA Flaming Sword Types.

VRIESEA ILLUSTRIOUS HYBRID. Another hybrid made of breeding selected clones of Flaming Swords. Th flower spike in form and color is like V. Flemenschwert only much taller. See photo page 60.
Flowering size—12.50-15.00
To flower in one or two years—6.00-10.00

VRIESEA SPLENDENS 'Flaming Sword.' A beautiful green plant with mahogany stripes. Flower spike tall, flat, and brilliant orange. Spectacular. Rare. Plant does not sucker like other Bromeliads but makes new plant in its own center. See color photo page 108 and back cover.
Flowering size—10.00-15.00
To flower in 2 years—5.00 To flower in 1 year—7.50

Please note that letters and numbers in parenthesis are for photos in Exotic II, some are black and white and some in color.

Philodendrons

Philodendrons are perfect plants for indoor decoration because of their attractive foliage and their durability. They can stand the dry conditions of today's buildings and will grow with or without much daylight.

Culture: Keep moderately moist. Give at least one good soaking per week, more often if necessary. Mulch with peat or sphagnum to slow drying out. Wash foliage once a month with damp cloth. Feed with liquid fertilizer monthly. We recommend alternate feedings of Ortho-Gro and Vitaponex Fertilizer.

SELF-HEADING PHILODENDRONS

We are extremely proud to introduce the new Self-Heading Philodendrons. These plants do not climb, but radiate their growth from a central crown. They are suitable for indoors as the more familiar vining types, but generally more useful because they do not need supports. We list several new hybrids. Culture as above.

PHILODENDRON CANNIFOLIUM. A rare plant. A very striking aroid that is ideal for interior decoration. Slow growing, will last for years (Formerly spelled Cannaefolium.) See photo below.
4"—3.00 5"—5.00-6.00

PHILODENDRON CRENULATUM. An outstanding self-heading species. Leaves are deeply notched with a pronounced wavy edge.
4"—2.50 6"—5.00-7.50

PHILODENDRON EICHLERI. King of the self-heading philodendrons. Large elephant ear with scalloped edge. See photo below.
6"—7.50 8"—10.00-15.00

PHILODENDRON LONGISTILUM. Very similar to Wendlandi. Leaves underside are rich red wine color—topsides are green. Striking plant.
4"—3.00 5"—5.00

PHILODENDRON LYNETTE. Fine addition to the self-heading type. Similar in habit to P. Wendlandi except leaves are crinkled horizontally. See photo page 61.
4"—3.00 5"—5.00

PHILODENDRON MAGNIFICUM (P. Eichleri x P. Selloum). An excellent cross that will give a desirable large leaf, combining cold resistance and leaf design.
4"—3.00 6"—5.00-7.50

PHILODENDRON MELINONI. Rare. Compact grower, will attain much wider spread. Ideal accent plant. See photo below.
4"—3.00 5"—5.00

PHILODENDRON PINNATIFIDUM — A fine rare selfheader. Leaves waxy-green with wide scallops and pointed. New introduction.
5"—5.00-6.00

PHILODENDRON SELLOUM. A popular Brazilian species. Cold-resistant, can stand slightly below freezing. Large, notched leaves. See photo page 63.
4"—2.50 6"—5.00-6.00 8"—7.50-10.00 10"—12.50-15.00

PHILODENDRON WARSCEWICZII 'GOLDEN SELLOUM'. A self-heading extravaganza. Green-gold leaf color. Now thought to be POLYTOMUM.
4"—25.00 — Limited. On order only.

PHILODENDRON WENDLANDII. An ideal houseplant. See photo. Broad spatula-shaped leaves coming from central crown. Does not climb. Durable. Grows beautifully indoors in light or shade. See photo page 63.
4"—2.50-3.50 5"—3.50-5.00 6"—7.50-10.00

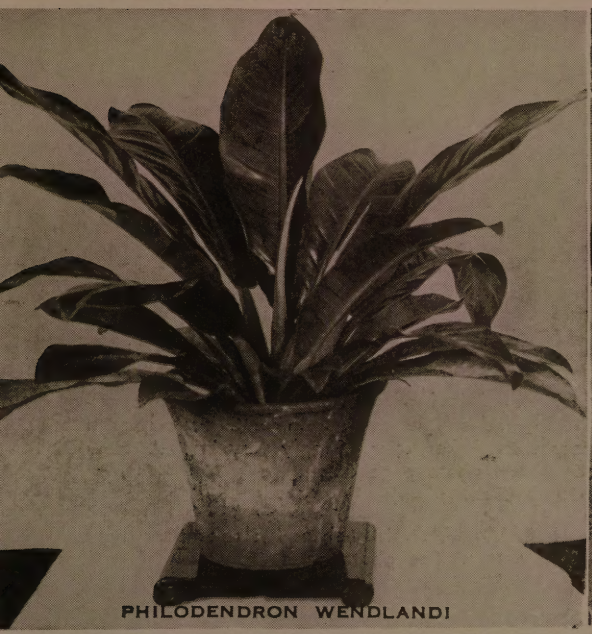
PHILODENDRON WILLIAMSII. Introduced two years ago as P. Espirito de Santos. Became instantly popular and sold out in a few months. It is a self-heading type. Arrow shaped leaves, waved on margins. See photo page 63.
4"—3.00 6"—5.00-7.50

PHILODENDRON EICHLERI

PHILODENDRON MELINONI

PHILODENDRON WILLIAMSII

PHILODENDRON SELLOUM



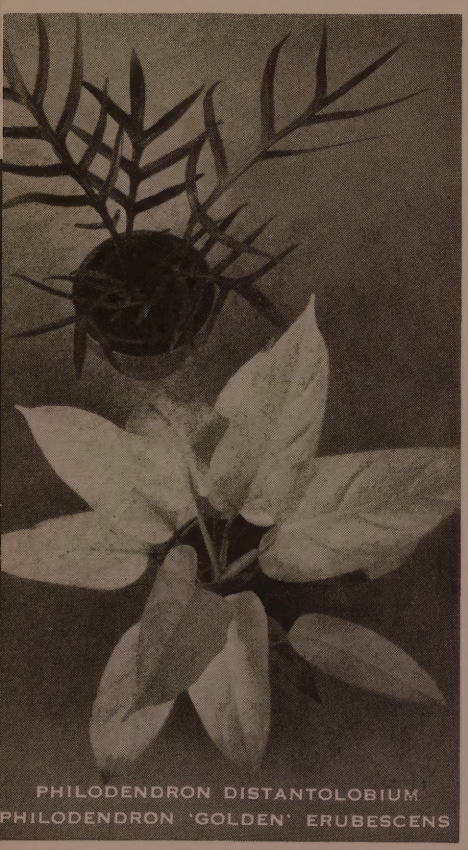
PHILODENDRON WENDLANDI

PHILODENDRON
COLOMBIA

PHILODENDRON MANDIANUM

PHILODENDRON SQUAMIFERUM

P. MELANOCHRYSUM VAR. BLACK GOLD


PHILODENDRON DISTANTOLOBIUM
PHILODENDRON 'GOLDEN' ERUBESCENS

Semi-Self Heading PHILODENDRONS

PHILODENDRON BURGUNDY. A hybrid containing the species of Erubescens, Hastatum, Wendlandi, Imbe and an unidentified species with leaves like leather. Burgundy has red stems and the leaves are maroon to dark green. One of the finest new hybrids. Will hold up well indoors. See photo page 65.
4"—3.50 6"—6.50

Vine-Type PHILODENDRONS

We offer many new and unusual varieties of vine-type Philodendrons. These plants need a support. We recommend tree-fern, cork, or sphagnum totem poles. Durable plants, excellent for indoor use, and very decorative. Culture directions page ....

PHILODENDRON ANDREANUM 'Black Gold'. The queen of Philodendrons from Colombia. The handsome arrow-shaped leaves are iridescent velvet with yellow veins. Well grown specimens will attain leaves 10 inches wide and 3 feet long. Grow moist and warm. See photo left.
Totems—6"—6 to 8 leaves—7.50-10.00-12.50
Rooted cuttings (3 leaves)—3.50

PHILODENDRON ANDREANUM 'MELANOCHRYSUM" — 'Black Gold'. Same color, texture and shape as Andreanum. Leaves half as large. More resistant to cold. See photo.
Totems 6"—6 to 8 leaves—7.50-10.00-12.50
Rooted cuttings (3 leaves) 3.50

PHILODENDRON ANGRA DOS REIS. A very fine species from South America. The stems have maroon spots. Leaf texture is thick and glossy. See photo page 65.
5"—4.00 6"—5.00 to 7.50

PHILODENDRON 'BURLE MARX'S FANTASY'. A real smooth leathery elongated leaf of very heavy substance. Excellent for totem and a slow boat to China. Color is greyish green tones with darker veins. Supply very limited. New introduction. See photo page 66.
4"—10.00 (Small plant)

PHILODENDRON COLOMBIA. Heart-shaped elephant-ear type leaf. Heavy texture. See photo page 63.
4"—3.00 5"—5.00

PHILODENDRON CRUENTUM 'Redleaf'. One of the most startling colored leaf Philodendrons. The back of the leaf is a clear red mahogany while the top surface is clear green. See photo page 67.
4"—2.50 3 for 7.00

PHILODENDRON DISTANTOLOBIUM. This beautiful filigreed leaf holds itself erect. Is a compact grower. New introduction. See photo left.
4"—5.00

PHILODENDRON EMERALD QUEEN. A new Hybrid. Medium sized dark green hastate leaves. Excellent for Totems because the leaves stay approximately the same size as it grows upwards. Also very resistant to disease.
4"—2.50 Totems 6"—7.50-10.00

PHILODENDRON FIBRILLOSSUM. New introduction. Dark thick green leaves (3"-4") of cordate shape. Dwarf habit. See photo page 68. Ideal for small totems.
Rooted cutting—3.50 6" Totem—10.00

PHILODENDRON BURGUNDY

PHILODENDRON PERTUSUM VARIEGATUM

PHILODENDRON FLORIDA VARIEGATA

PHILODENDRON
ANGRA DOS REIS

PHILODENDRON SODIROI

PHILODENDRON
HASTATUM
VAR. VARIEGATA

Vine Type Philodendrons . . .

PHILODENDRON FLORIDA (P. Squamiferum x P. Lacineatum). The sensation of Philodendron hybrids. Much heavier texture than either parent. Creamy-white areas near mid-rib of leaves.
4"—2.50 5"—4.00
Totems—7.50-10.00-15.00

PHILODENDRON FLORIDA VARIEGATA—A striking mutation of the hybrid P. Florida. New introduction. Photo page 65.
4"—10.00

PHILODENDRON FRIEDRICHSTAHLII (Monstera Friedrichstahlii). Dark green leaves with multiple holes. Compact growth gives solid green effect. See photo page 68.
Totems 6"—6.50 10"—10.00-12.50
Rooted Cuttings—3.50

PHILODENDRON GOLDEN ERUBESCENS. This variant has solid golden yellow arrow shaped leaves. New introduction. Very different. See photo page 64.
4"—5.00

PHILODENDRON HASTATUM VARIEGATUM. Spectacular yellow and green foliage. New and rare. Limited supply. See photo page 65.
4"—5.00 5"—7.50-10.00

PHILODENDRON IMBE. Similar to P. Hastatum in leaf pattern but the underside of leaf is dark maroon in color. Leaves are heavy as chamois skin.
5"—3.00 3 for 8.00

PHILODENDRON MAMEI. Beautiful variegated green and grey heavily veined leaf. Pink stems.
4"—5.00

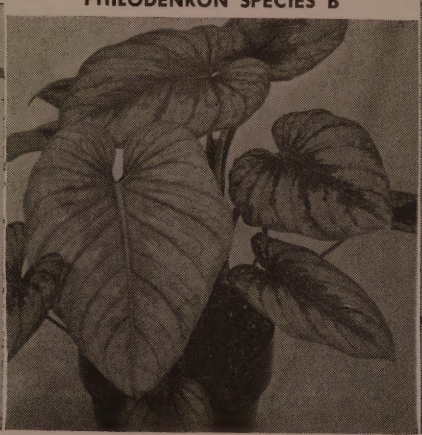
PHILODENDRON MANDAIANUM. This plant is one of the most attractive. The growing tip and stem is of a reddish hue which contrasts beautifully with darker green mature leaves. See photo page 63.
4"—1.50 5"—2.50-3.50
Totems—7.50-10.00-12.50

PHILODENDRON OXYCARDIUM (CORDATUM). A rugged trailing or climbing vine that may be grown in soil, moss or water. Considered the best of all houseplants.
3"—.60, 3 for 1.50
4"—1.50, 3 for 4.00

PHILODENDRON PANDURAEFORME. Here is a truly exotic foliage plant with no two leaves alike. The irregular shaped leaves of olive green are unsurpassed for interior decoration. See photo below.
4"—1.50 5"—2.50-3.50
Totems—7.50-10.00

P. VERRUCOSUM P. ANDREANUM

PHILODENRON SPECIES B



Vine Type Philodendrons . . .

PHILODENDRON PERTUSUM. The most popular Philodendron after P. Oxycardium. It is often confused with Monstera Deliciosa because the leaf patterns are similar. Pertusum does not have trunk or leaves as large as Monstera and leaves are not as perforated. Very durable.

5"—3.00-4.00
6"—4.00-5.00

PHILODENDRON PERTUSUM VARIEGATUM. A distinct yellow marble effect on a green leaf. New introduction. See photo page 65.

5"—10.00

MONSTERA DELICIOSA—Swiss Cheese Plant.

6"—pot size—5.00-6.00
8"—pot size—7.50-10.00

MONSTERA SCHLEICHTLEINII. Leaves are more filigreed than P. Frederichstahlii. A slow climber. Stunning accent plant. See photo above.

4"—5.00 (small plant)

PHILODENRON MICROSTICTUM (Pittieri). A new introduction. Texture of leaf is extremely glossy and heavy. A pleasing solid apple green. Beautiful on cork totems. It will tolerate dry conditions very well. See photo page 66.

4"—1.50
5" on totem—3.50-4.50

PHILODENDRON SPECIES 'A'. A new unidentified species. Compact, yet larger leather-like leaves.

5"—4.00 6"6.50

PHILODENDRON SPECIES 'B'. The mottled-grey leaf pattern is almost identical to P. Mamei, yet the physical characteristics vary slightly. There is some red in the sheath surrounding the growing terminal shoot. Good choice for a totem. See photo page 66.

4"—3.00

PHILODENDRON SPECIES 'C'. We are calling this 'JET STREAK' because of the white area along the mid-rib of the leaf. Good substance and a climbing type. Leaf is dark green. New introduction. See photo.

4"—5.00

PHILODENDRON SPECIES 'FERN LEAF'. A climber with much finer cut leaf than P. Distantolobium. Very decorative. Perfect silhouette for a totem pole. See photo. New introduction.

4"—5.00

PHILODENDRON SQUAMIFERUM. An exotic plant of spectacular leaf design from French Guiana. Referred to as anchor leaf or Malayn Kris. The petiole or stem is covered with red hairs. See photo page 63.

5"—3.50 6"—5.00-6.50

PHILODENDRON SODIROI. The coloring is a combination of slate grey with darker olive green areas which gives a silvery mottled effect in shades of green. Stem is red. Excellent for small pottery containers and planters in the home or planted under benches in the greenhouse for ground cover to help maintain humidity. See photo page 65.

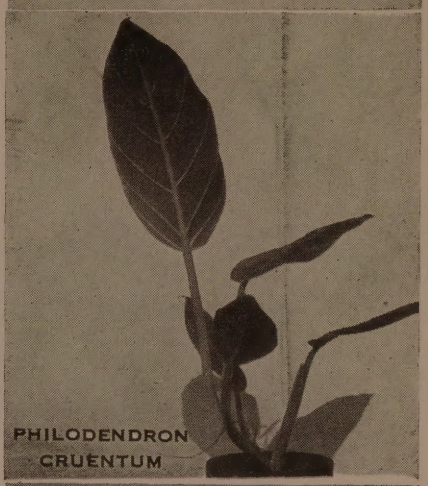
3"—.85, 3 for 2.50; small leaves only
4"—2.00; large leaf
Totems—7.50; large or small leaves

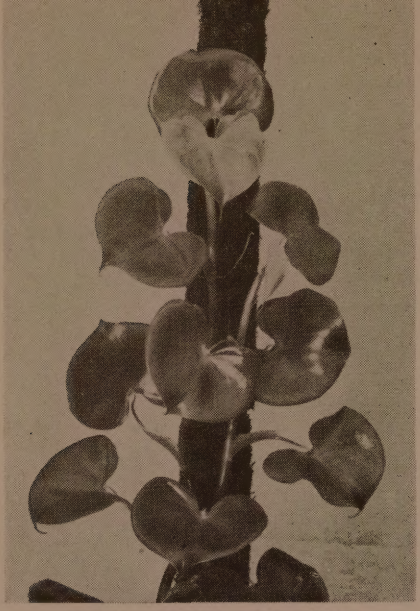
PHILODENDRON VERRUCOSUM. Exotic multicolor satin sheen. Maroon undersides. The handsomest of all Philodendrons. See photo page 66.

Rooted cuttings (2-3 leaves)—3.50
6" Totem (3-5 leaves)—7.50-10.00

MONSTERA SCHLEICHTLEINI

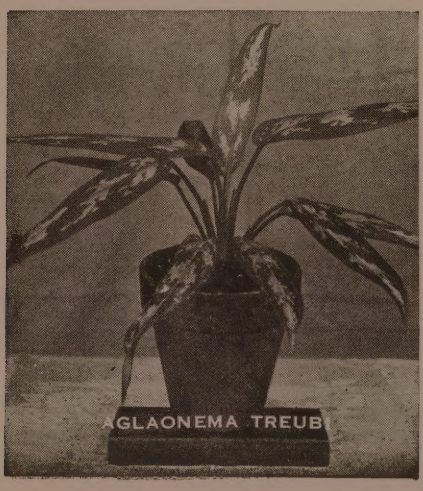
PHILODENDRON 'FERN LEAF'


PHILODENDRON CRUENTUM



PHILODENDRON FIBRILLOSUM

PHILODENDRON FRIEDRICHSTAHLI



Decorative Foliage Plants

AESCHYNANTHUS BRACTATUS. One of the smaller growing types—compact—flowers one to seven cluster and scarlet.
3"—1.75 4"—2.50 6"—5.00-7.50

AESCHYNANTHUS LOBBIANUS (Trichosporum Lobbianum) — Lipstick vine. Leaves shiny dark green, flowers scarlet with a dark purple tube-like base. See photo page 70.
3"—1.50 4"—2.50 6"—5.00-7.50

AESCHYNANTHUS LOBBIANUS x PULCHER. A vigorous hybrid with scarlet flowers. **3"—1.75 4"—3.00**

AESCHYNANTHUS PULCHER. A lovely specie from Java with scarlet flowers. The calyx is green. **3"—1.75 4"—3.00**

AESCHYNANTHUS SPECIOSUS (Trichosporoum splendens). Orange Lipstick Vine. Terrific terminal clusters of bright orange flowers with yellow at the base. Pointed shiny green leaves. **3"—1.75 4"—3.00 6"—5.00-7.50**

AGLAONEMAS

AGLAONEMA MARANTIFOLIUM TRICOLOR. Attractive foliage with feather design. Pink stems, bright red berries. See photo page 70.
4"—5.00

AGLAONEMA PICTUM — Chinese Evergreen. Unusual form. Grey and white. Easy to grow. See photo page 69.
3"—2.00

AGALONEMA PSEUDO-BRACTATUM. This first rate plant will take a blue ribbon. The variegation is cream white to yellow with dark green and light green areas in the leaves. Even the stem of the plant is nearly white to cream. See photo page 70. (E-38-color).
4"—5.00

AGLAONEMA PSEUDO-BRACTEATUM—PEWTER. This variant has gray-green variegation down the center rather than yellow pattern of normal A. pseudo-bracteatum. Does well under poor light conditions. See photo page 70.
4"—2.50 5"—3.75

AGLAONEMA ROEBELENII—Schismatogottis. See listing page 91.

AGLAONEMA TREUBII. Narrow pointed leaf with light green background and creamy-green variegation. Photo below.
4"—2.00 5"—3.75

ALOCASIA. See page 94.

ANTHURIUM. See page 95-96.

APHELANDRA AURANTIACA ROEZLII. Leaves silvery green. Brilliant orange-scarlet flowers on spike above the foliage.
4"—2.50

APHELANDRA CHAMISSONIANA. Erect plant with broad white brand in middle of leaf. Flowers and bracts are bright yellow, very showy. Handsome as foliage or flowering plant. See photo page 69.
4"—2.50

ARALIAS

ARALIA (POLYSCIAS) BALFOURIANA 'MARGINATA'. Erect plant. Attractive round leaves edged with white. See photo.
3"—.60, 3 for 1.50

ARALIA (DIZYGOTHECA) ELEGANTISSIMA. Dark, lacy leaves. Grows tall and slender. Extremely decorative against light background. See photo page 70.
3"—1.50 4"—3.00 5"—5.00

Please note that letters and numbers in parenthesis are for photos in Exotic II, some are black and white and some in color.

ARALIA (POLYSCIAS) FRUITICOSA 'Parsley'. A dwarf growing miniature like tree. Attractive at Christmas when decorated. Very rich green parsley like leaves. Photo below.
3"—1.25, 3 for 3.00 4"—2.50

ARALIA (POLYSCIAS) FILICIFOLIA 'Saw-Tooth'. Formerly called A. species. A very artistic leaf. Erect growing. Excellent for doorways. See photo below.
3"—1.00 4"—2.00

ARALIA (POLYSCIAS) GUILFOYLEI 'Chartreuse'. Leaves have a variegated chartreuse pattern and are jagged on the margins. See photo below.
3"—1.25, 3 for 3.00 4"—2.50

ARALIA (POLYSCIAS) GUILFOYLEI 'Filigree'. Formerly called A. filicifolia. Very cut leaf solid green. Graceful. See photo below.
3"—1.00 4"—2.00

ARALIA (POLYSCIAS) GUILFOYLEI 'Victoriae'. Similar to 'Chartreuse' described above only the variegation is white and green. See photo below.
3"—1.25, 3 for 3.00 4"—2.50

ARALIA (PANAX) QUINQUEFOLIUM 'Oak Leaf'. Dark green oak-like foliage. See photo below.
3"—1.00 4"—2.00

ARALIA (POLYSCIAS) SPECIES 'PENOCKII'. A very striking leaf with central area chartreuse. Larger leaf than A. Balfouriana. New introduction. See photo right.
4"—2.50

ARAUCARIA EXCELSA—Norfolk Island Pine. Compact tiered, star-shaped branches. Used for miniature Xmas trees. See photo page 70. **5"—5.00 6"—7.50**

BEAUCARNEA RECURVATA (Nolina recurvata). Sometimes referred to as "Mexican Bottle Plant" because of the large swollen base. **4"—2.50 6"—6.00**

BEGONIA PUSTULATA ARGENTEA. Known as Silver Pustulata. Eye-catching with its silver markings on plush nile green leaf that is somewhat puckered. See photo page 71.
3"—1.50

ARALIA PENNOCKII

ARALIAS PHOTO LEFT.
1. **A. FRUITICOSA 'PARSLEY'**
2. **A. GUILFOYLEI 'VICTORIAE'**
3. **A. GUILFOYLEI 'CHARTREUSE'**
4. **A. FILICIFOLIA 'SAW TOOTH'**
5. **A. BALFOURIANA 'MARGINATA'**
6. **A. GUILFOYLEI 'FILIGREE'**
7. **A. QUINQUEFOLIUM 'OAK LEAF'**

AGLAONEMA MARANTIFOLIUM TRICOLOR

AGLAONEMA PSEUDO-BRACTEATU

ARALIA ELEGANTISSIMA

AESCHYNANTHUS LOBBIANUS

BEGONIA 'IRON CROSS'. The striking leaf pattern of the iron cross (dark maroon) on a green leaf makes this Begonia outstanding. Leaf is puckered with red hairs. Photo pg. 71.
3"—3.00

BEGONIA REX. Assorted not named.
3"—1.00 Six for 5.00

BELOPERONE GUTTATA 'YELLOW QUEEN' — Yellow Shrimp Plant. Bracts are light chartreuse to yellow instead of rose pink of common Shrimp Plant. Se ephoto page 71.
3"—1.50 4"—2.50

Brazilian Purple Haze Vine. This charming tropical small leaved vine has a soft pubescense that looks like a purple haze in the distance. Very graceful for basket growing or window ledge garden. New introduction. Unidentified species of Mikania.
3"—2.50 4"—4.00 6"—7.50 Baskets 15.00-25.00

CACTUS — SUCCULENTS

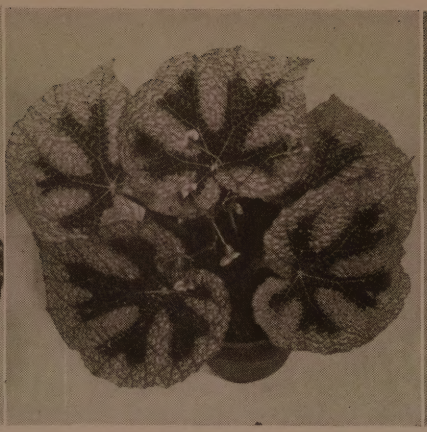
ADENIUM OBESUM. A rare succulent evergreen shrub. Excellent for pot culture. Stem is swollen and branched with enlarged trunk at soil level. Flowers are pinkish-crimson in Spring in clusters. Supply limited. Will take full sun or partial shade.
5"—7.50

AGAVE FILIFERA. One of the smaller growing 'Century Plants'. Edges of leaves extrude white 'threads'. (E-61).
3"—1.50

AGAVE PUMILA COMPACTA. Most dwarf of the 'Century Plants'. White stripes parallel to axis of leaf. An eye catcher. See photo page 71. (E-61).
3"—3.00

AGAVE VERSCHAFFELTII. A blue chip amongst the Agaves. This smaller species 18" across when mature has an over all blue cast with grey and whitish pattern. Very beautiful. Rare. See photo page 71.
6"—7.50

APOROPHYLUM "JOHNSONS'S HALITO". This plant may be allowed to hang or be tied for support. Its long flowering period makes it outstanding. Flowers large and scarlet.
3"—1.50



BEGONIA IRON CROSS

EUPHORBIA KEYSII

ASTROPHYTUM MYRIOSTIGMA VERA — 'Bishop's Cap'. Rare. Five- sided bishop's cap body covered with fine gray-white scales. Slow growing. See photo below.
3"—3.00 4"—5.00-7.50-10.00

EUPHORBIA BOJERI 'LITTLE CROWN' — Crown of Thorns. This dwarf grows very compact with dark green leaves and bright red flowers. A fine houseplant.
3"—1.50 4"—3.00

EUPHORBIA KEYSII—Flamingo Cactus. A fine new hybrid developed by Mr. Keys. The bright coral-pink flowers are continuous all winter and spring. A great improvement over regular Crown of Thorns. See photo above.
3"—2.00 4"—3.50

EUPHORBIA GRANDICORNIS x PSEUDOCACTUS. Known as Hummel's ZIZ-ZAG. A clear zig-zag of white markings on bright green. Very showy. See photo below.
3"—2.00

EUPHORBIA PINK SENSATION. Hybrids of Crown of Thorns that are sensational.
3"—3.00

EUPHORBIA RED SENSATION. Red flowers of above hybrids. Intense color and good size.
3"—3.00

TOP CENTER: AGAVE VERSCHAFELTII
MIDDLE ROW: HAWARTHIA FASCIATA — DYCKIA FOSTERIANA
BOTTOM ROW: AGVE PUMILA COMPACTA — ASTROPHYTUM BISHOP'S CAP — EUPHORBIA ZIG-ZAG

CARISSA GRANDIFLORA VAR. NANA COMPACTA

CALATHEA ARSCEWICZII

HAWAORTHIA FASCIATA. This beautifully marked succulent forms rosettes of thick fleshy dark green leaves with white horizontal lines across back. See photo page 71.
3"—1.00 4"—2.00

KALANCHOES BLOSSFELDIANA — TOM THUMB. Dwarf strain. Bright red flowers from Christmas thru February. A breath taking plant when grown into a specimen. (E-482).
3"—1.50 4"—3.00

KALANCHOE PUMILA. A new introduction. A small growing plant with clusters of lavender flowers. The plant is most attractive even when not flowering because of the **silver-white** leaves which have an overall blue haze effect. (E-484).
3"—1.50

EPICACTUS

RHIPSALIODOPSIS ROSEA HYBRID. Violet Beauty. One of the most heavenly plants when in flower. Flowers violet rose the size of a quarter which at times may completely cover the plant. (E-Epiphyllopsis graeseri 'rosea'-323).
3"—1.50

RHIPSALIODOPSIS ANDRAE. Rounder leaves than most of this group, often with red edges. Flowers medium red. See color photo inside back cover.
3"—1.50

SCHLUMBERGERA GAERTNERI—'EASTER CACTUS'. Large, star shaped, red flowers. (E-411).
3"—1.50

SCHLUMBERGERA GAERTNERI MAKOYANA—'THE CATS WHISKERS'. A form of the Easter Cactus that is distinctly different. Stems more reddish and crenate. Numerous long brown bristles at the end of each joint gives it the common name. Flowers red.
3"—1.50

SCHLUMBERGERA 'PETER PAN'. Small and dainty with red flowers. **3"—1.50**

ZYGOCACTUS TRUNCATUS 'CHRISTMAS CACTUS'. The best known of all Red to pink flowers. (E-Schlumbergera bridgesii-323). **3"—1.00 4"—3.00**

CALATHEAS AT LEFT:

Top row left to right: C. INSIGNIS, C. ORNATA 'ROSEA LINATA', C. VANDENHECKEI.

Center row left to right: C. MAKOYANA, CTENANTHE OPPENHEIMIANA, C. LOUISA, C. ACUMINATA.

Bottom row left to right: C. PRINCEPS, C. LIETZEI, C. MEDIA-PICTA, C. ZEBRINA, C. VANDENHECKEI WENDLINGER.

ZYGOCACTUS TRUNCATUS 'DELICATUS' — 'WHITE CHRISTMAS CACTUS'. Beautiful white flowers throat tinged with pink.
3"—2.50

ZYGOCACTUS TRUNCATUS 'ELECTRA'. The so-called Thanksgiving or Christmas Cactus Type. This one can bloom twice during the year. Flowers larger than most, bright red.
3"—1.50

ZYGOCACTUS TRUNCATUS 'MANDA'S PINK ELEPHANT'. A very fine selection. Large flowers.
3"—2.50

ZYGOCACTUS TRUNCATUS 'MANDA'S ORANGE'. A very delicate blending of light orange and white.
3"—2.00

CARISSA GRANDIFLORA 'BOXWOOD BEAUTY' — Dwarf Natal Plum. Without spines. Flowers are like white stars and fragrant with scarlet edible fruit. See photo page 72.
3"—1.50

CHLOROPHYTUM BICHETII

CALATHEAS and MARANTAS

CALATHEAS. Small plants with highly decorative foliage that grow in shade. Keep moist and warm always. Often identified as Marantas. Cannot ship in cold weather.

CALATHEA BACHEMIANA. Medium size plant 9" tall. Leaves are grey-green oblique and tapering. Leaf pattern of darker green usually opposite solid feather design and both extending from midrib as line into the darker green border of leaf margin. (E-736). See photo below.
4"—3.00

CALATHEA CONCINNA. Outstanding contrasts. Leaves have a waxy luster with ovate shape. Beautiful dark green feather design extending from midrib to a thin line blending into dark green border. Feather designs are opposite one another. Dark purple underside. (E-color-733). See photo below.
4"—5.00

CALATHEA VEITHCIANA

CALATHEAS RIGHT:

Top row left to right: C. LEOPARDINA, CTENANTHE BURLE MARX. Center row, left to right: C. BACHEMIANA, C. MICANS.

Bottom row, left to right:

C. ROSEA PICTA, C. ORNATA SANDERIANA, C. CONCINNA.

CALATHEA INSIGNIS. Small plant with narrow, light green leaves spotted with olive-green patches. Dark maroon underside. Spectacular. See photo page 72.
4"—3.00

CALATHEA LEOPARDINA. A sought after Calathea by collectors. Plant is 12"-15" tall. Leaves are a waxy green on slender stalks—contrasting dark green feathers alternating along midrib. (E-739). See photo page 73.
4"—5.00

CALATHEA LIETZEI. Light green feather design in center of leaf. Purple underside. See photo page 72.
4"—2.00 3 for 5.50 5"—3.00, 3 for 8.00

CALATHEA LOUISA. Satiny, wavy leaves marked grey. See photo page 72.
4"—2.00; 3 for 5.50 5"—3.00; 3 for 8.00

CALATHEA MAKOYANA. A gorgeous leaf with olive-green blotches above, on underside the blotches are pink. The area between blotches upper side is silver with tiny cross hatched lines, beneath cream colored. See photo page 72.
4"—4.50

CALATHEA MICANS. Dwarf approximately 4" high. Leaves about 2" long — with narrow silver feathered band along each side of midrib. Underside of leaf is pewter color. (E-738). See photo page 73.
3"—2.00 4"—3.50

CALATHEA ORNATA 'ROSEA LINEATA.' A striking leaf with parallel pink or white stripes set at an angle to the midrib. Purple underneath. See photo page 72.
4"—2.00

CALATHEA ORNATA VAR. SANDERIANA. This compact grower has startling contrasts in dark waxy broadened leaves. It has parallel lines of white turning to light pink, design sweeps from midrib. Leaf stalk is purple as well as underside of leaf. (E-737). See photo page 73.
3"—3.00 4"—5.00

CALATHEA ROSEO-PICTA. Short plant with rounded broad leaf—dark green above with red-midrib—feathered red design near margin of leaf changing to silver when mature — under side solid purple. An exotic for the small spot. See photo page 73. (E-color, 733-737).
4"—5.00

CALATHEA VANDENHECKEI. Satiny surface marked with bands of feathered white on dark green leaf. Wine red underneath. See photo page 72.
4"—2.50

CALATHEA VANDENHECKEI 'WENDLINGER'. This variant is startling because of the solid silver-gray center of the leaf with a dark green margin. See photo page 72.
4"—3.00

CALATHEA VEITCHIANA. You look once, you look twice to make sure it is real. This plant grows to 18" with slender stems supporting a broad-ovate leaf. The peacock feathered design outlined in chartreuse, encircling brownish-green half-moons which adjoin the pale bluish green feathered center zone — outer area bright green — Underside of leaf in red over bluish green. (E-color, 733). Photo pg. 73.
4"—7.50

CALATHEA WARSCEWICZII. Upper surface a velvety texture with feathered areas of dark green, beneath purplish. Striking plant. See photo page 72.
4"—5.00

CALATHEA ZEBRINA. *Natures' pride—contrasting dark velvety feather design from midrib with chartreuse background. Purplish underside.* See photo page 72. (E-color, 733).
4"—5.00

CALATHEA ZEBRINA HUMILIOR. Similar to above but more compact grower—leaves grey-green underside. Same striking velvety appearance. (E-737).
4"—6.00

MARANTA BICOLOR. Compact grower — oval leaves to 6" long — grey feathered design surrounded by dark green fading to grayish green at edge of leaf. Purple beneath. Flowers small white veined violet. (E-743).
3"—1.50

MARANTA LEUCONEURA MASSANGEANA. A charming low growing plant. A pearl-gray green background with silver feather design down midrib of leaf. See photo pg. 74.
3"—1.50

CTENANTHE 'BURLE MARX'. New species — distinctive. 15" tall—oblong grey green leaves on maroon stalks—unequal dark green feather design alternating from midrib sweeping nearly to leaf margin. Maroon underside of leaf. See photo page 73.
4"—4.00 6"—7.50

CTENANTHE OPPENHEIMIANA. Closely allied to Calatheas. Leaf pattern attractive. Silver-feathering along midrib of upper surface in a crow-foot pattern. Under surface rose-pink. See photo. page 73.
4"—2.50

CTENANTHE OPPENHEIMIANA TRICOLOR. Variegated form of Oppenheimiana. Leaves have creamy white areas in addition to pink, green area. (E-736).
4"—3.50

CHAMAERONTHEMUM. **See STENANDRIUM** page 92.

CHLOROPHYTUM BICHETII. A dwarf tufted little plant from Siam. The variegated leaves makes it an attractive plant to use under a lamp. Stands up well in the home. Flowers are small and white. See photo page 73.
3"—1.00

CITRUS FORTUNELLA MARGARITA 'NAGAMI' KUMQUAT — Dwarf bushy plant with white fragrant flowers and beautiful round orange fruit. Edible.
6"—4.75-6.75

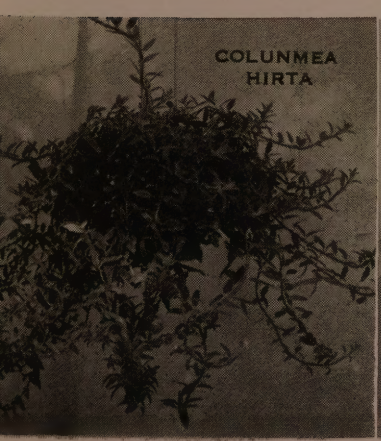
CITRUS FORTUNELLA MARGARITA 'MIEWA'. Dwarf bush plant with white fragrant flowers and beautiful round orange fruit. The most edible. (sweetest). **6"—4.75-6.75**

CITRUS LIMONIA MEYERI 'Meyer's Lemon'—Semi-dwarf lemon. White to lavender fragrant flowers. Fruit green oval shaped, produced year around. Excellent quality for home use. **4"—2.25 6"—3.75**

IXORA SUPERKING

CYANOTIS KEWENSIS

CALATHEA ORNATA
VAR. ROSEA LINEATA



COLUMNEA STAVANGER

CITRUS MITIS 'Calamondin'—Dwarf bushy plant with white fragrant flowers. Fruit is bright orange with flattened end. Excellent for flavoring drinks.
6"—4.75-6.75

CITRUS TAITENSIS 'Otaheite Orange — Excellent pot plant. Flowers are very fragrant and blush white. Fruit is round and orange color. Tart like a lime.
6"—4.75-6.75

CLUSEA ROSEA VARIEGATA. This is a rugged plant with beautiful creamy variegated leaves. Rose colored flowers. See photo page 74.
Plastic container—3.50

COLUMNEAS

COLUMNEA ARGUTA. A petite trailing tropical vine with sharply pointed leaves and large red flowers. Often called C. allenii.
3"—1.50

COLUMNEA GLORIOSA. A vining tropical gesneriad with bright 3" orange-red flowers with yellow. See photo left.
3"—1.50 4"—3.00 6"—5.00-7.50

COLUMNEA GLORIOSA RUBRA. Leaves are red velvet blush — further apart than Gloriosa. Flowers are large with an orange-red color.
3"—1.75 4"—3.00 6"—5.00-7.50

COLUMNEA HIRTA. Another vining gesneriad with 3" flowers of vermilion marked orange. See photo page 75.
3"—1.50 4"—2.50 6"—5.00-7.50

COLUMNEA ROYAL RED. A beautiful selection.
3"—1.75 4"—3.00 6"—5.00-7.50

COLUMNEA ROYAL TANGERINE. Another excellent selection as the name indicates.
3"—1.75 4"—3.00 6"—5.00-7.50

COLUMNEA LINEARIS. Slender shiny leaves with rose-pink flowers from axils of leaves.
3"—1.50 4"—2.50

COLUMNEA MICROPHYLIA. This plant commands attention. The long trailing stems have small button-like leaves attached. Flowers burnt-red with yellow along bottom of the tube. Flowers not quite as large as gloriosa.
3"—1.50 6"—5.00

COLUMNEA STAVANGER 'NORSE FIRE PLANT'. A European hybrid that is very exciting in the bright red flowers. See photo above.
3"—2.00 4"—4.50

CROTON — See pages 99-100.

CYANOTIS KEWENSIS — Brown Teddy Bear. Delightful fuzzy brown leaves, purple underneath. A fine miniature or hanging basket plant. See photo page 75.
3"—1.00

CYPERUS DIFFUSUS—Dwarf Umbrella Plant. 6" to 10" tall. Will stand moist or dry conditions. See photo page 75.
3"—1.50

DICHORISANDRA MOSAICA UNDATA (or Georgenanthus undatus)—Seersucker Plant. Crinkled green and black leaves, purple undersides and stems. Low growing for coffee table use. See photo to left.
3"—1.00 (postpaid Cont. U.S.A. 1.98)

DICHORISANDRA REGINAE (Tradescantia Reginae) . Erect plant, purplish-crimson leaf centers, silver at edges, purple underneath.
3"—1.00

DIEFFENBACHIA. See pages 96 and 97.

CYCADS

The Cycadaceae is an ancient family of primitive flowering plants, allied to the confirs. The better known genera are Cycas, Ceratozamia, Dion, Encephalartos, Macrozamia and Zamia. They are found in the Tropical Areas of the World —Tropical America, Australia, Africa. Their appearance is much like tree ferns with a stout trunk seldom branched except in Cycas. The crown of leaves emitting from the trunk resemble palm fronds. The leaves are generally leathery and smooth on upper surface with scales on under surface. They are slow growing except for C. Circinnalis and C. Revoluta. Some species put out a crown of leaves once in four years. Hence plants can be inherited from generation to generation. They are grown for their decorative form and foliage. They are easily grown in good garden loam with sharp sand added for drainage. Considered warm growing — some hardy in Northern Florida. Keep moist when new crown of leaves are developing. Give less water when not in active growth or when dormant in winter.

CYCADS

CERATOZAMIA HILDA. Mexico — Discovered this year. Upright graceful leaves to 3 feet with paired whorls of leaflets nearly around stem. Dark green color — see photo.
Gal. Plastic Tub—20.00-25.00

CERATOZAMIA MEXICANA LATIFOLIA — Mexico.
Gal. Plastic Tub—17.50-25.00

CERATOZAMIA MEXICANA (UPRIGHT TYPE). Crown of palm like leaves from short trunk. Leaves 2 to 6 feet long. Leathery, young leaves glaucous and hairy. Lovely form.
4"—3.00 Gal. Plastic Tub—20.00-35.00

CERATOZAMIA MEXICANA (ACUTE TYPE). Leaflets are acute at end.
Gal. Plastic Tub—20.00-35.00

CERATOZAMIA PURPUSII — Mexico. Wants some shade and acid soil. Upright fronds with slender leaflets.
Gal. Plastic Tub—20.00-35.00

CERATOZAMIA (Recurvata) — Mexico. Name is not specific. Used to describe leaf habit.
Gal. Plastic Tub—17.50-25.00

CERATOZAMIA SPINOSA — Mexico.
Gal. Plastic Tub—17.50

CERATOZAMIA SPIRALIS — Mexico. Rare. Upright slender stems and leaflets. Leaves to 3 feet tall. Sun or shade acid soil. See photo.
Gal. Plastic Tub—22.50

CYCAS CIRCINNALIS — 'Fern Palm' — India-Madagascar. Sun or shade. One of the easiest to grow. Leaves shiny dark green to 6 feet long. See photo page 77.
6"—7.50 Gal. Plastic Tub—10.00-15.00-25.00

CYCAS REVOLUTA 'Sago Palm' — China-East Indies. Probably the most ideal for House plant culture. Leaves to 30 inches long — dark shiny green — heavy substance. Sun or shade, acid soil. Will grow more than one crown of leaves a year. See photo. Will stand frost.
4"—3.00 6"—5.00-7.50 Gal. Plastic Tub—10.00-15.00

DION EDULE (Dioon) — Mexico. Palm like leaves 3 to 6 feet long and 6 to 7 inches wide—glacous green and stiff with short spine end of leaf. Fine form. Alkaline.
Gal. Plastic Tub—20.00-35.00

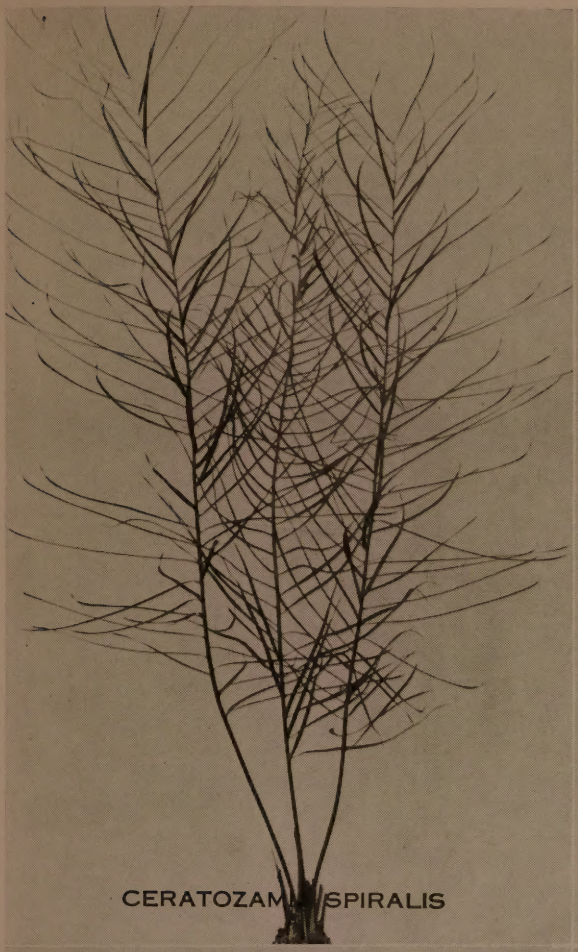
DION PURPUSII — Mexico. A charming plant. Erect stiff leaves from short trunk to 30 inches long with 2" to 4" long pinnae. Ideal for house plant. See photo.
Small—10.00 Medium—15.00 Gal. Plastic Tub—20.00

DION SPINULOSUM — Mexico. Very slow growing. Grows large in wild state. Leaves up to six feet. Spiny along margins of leaflets. Handsome plant. Takes moisture.
Gal. Plastic Tub—20.00-35.00

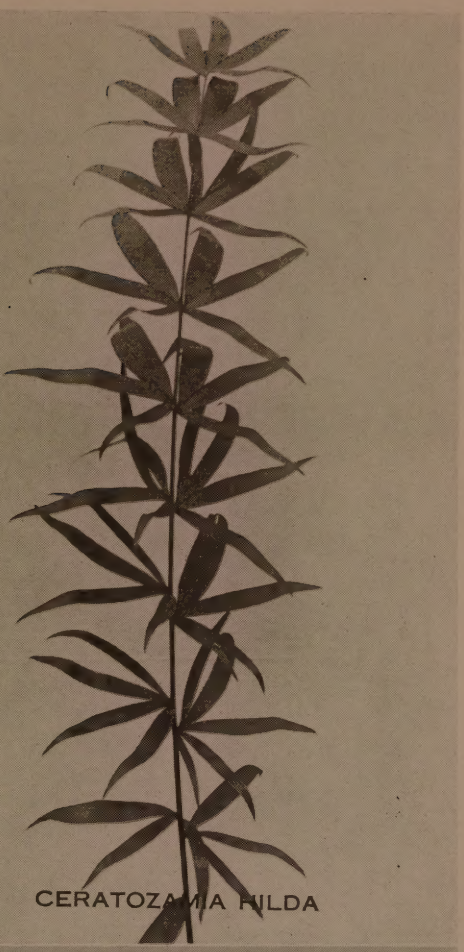
ENCEPHALARTOS GRATUS — Tropical Africa. Leaves 4 to 5 feet long, leaflets 6 to 10 inches long. Trunk rarely to 4 ft. Leaves clustered at top.
Gal. Plastic Tub—15.00

MACROZAMIA SPIRALIS VAR. CORALLIPES — Australia. Leaves 6 to 24 inches long, leaflets 3 to 6 inches long. Lower leaves spreading others suberect. Mat green upper surface.
4"—5.00 6"—7.50

MACROZAMIA LUCIDA — Australia. Small growing leaves seldom 40 inches long and 6" to 10" wide. Pinnae are glossy and whitish at base.
5"—5.00



CERATOZAMIA SPIRALIS



CERATOZAMIA HILDA

DION PURPURSII

CYCAS REVOLUTA

LEPIDOZAMIA PEROFFSKYANA (MACROZAMIA DENISONII) — Australia. Large grower in natural state. Leaves 3 to 9 feet long, leaflets 5 to 12 inches long. See photo page 77.
4"—4.00 Gal. Plastic Tub—10.00-15.00-20.00

MACROZAMIA MOOREI (Green form) — Australia. Large grower in natural state. Considered rapid grower in Sydney Botanic Gardens by producing 39 inches of trunk in 50 years.
4"—4.00 6"—7.50

MACROZAMIA REIDLEI — Australia. Juvenile leaves are 12" to 20" long. Pinnae narrow 3 to 4 inches long.
4"—4.00 6"—7.50

MACROZAMIA SPIRALIS — Australia. Juvenile fronds may be twisted thru 180 degrees with few leaflets or pinnae and several small teeth near tips. Adult leaves are little twisted and crowded pinnae. Rare.
4"—4.00 6"—7.50

MACROZAMIA STENOMERA — Australia. Spiral twisting of the fronds near the end from 90 to 360 degrees is a distinguishing characteristic.
6"—7.50

ZAMIA FISCHERI — Mexico. A fine dwarf growing type with short dark green leaves 16" long and pinnae 2 to 3 inches. Holds a good number of fronds. Trunk small.
4"—3.00 6"—7.50-10.00 Gal. Plastic Tub—17.50

ZAMIA FLORIDIANA 'Coontie'. Florida. Many fronds growing underground tuber. Pinnae are numerous and deep shining green above. Compact grower. Fine house plant.
5"—5.00 Gal. Plastic Tub—7.50-10.00

ZAMIA FURFURACEA — Mexico. A real Exotic. Leaves at maturity 3 to 4 feet. When young have a brownish color with considerable hair above and beneath pinnae. See photo page 77.
6"—6.00 Gal. Plastic Tub—20.00-35.00

ZAMIA LODDIGESII (Serrate) — Mexico. There are two forms of this specie. Leaflets have serrated margins. This one is more spreading. Not a large grower.
6"—10.00 Gal. Plastic Tub—17.50

ZAMIA LODDIGESSI (Upright) — Mexico. Similar to one above but fronds are upright in habit. Pinnae are less serrated than above and twice as broad.
Gal. Plastic Tub—20.00-35.00

BLECHNUM GIBBUM

ALSOPHILIA AUSTRALIS

DRACAENAS

DRACAENA BAPTISTII. Very colorful maroon leaf with brighter crimson edges. Leaves are longer than D. Eugene Andre.
4"—2.50 5"—4.00

DRACAENA BAUSEI. White band down middle of leaf, margins green.
4"—2.00 5"—3.50 6"—5.00

DRACAENA 'FLORIDA BEAUTY'. A seedling sport from D. Kelleriana. Large areas of creamy-white. MOST BEAUTIFUL markings of any Dracaena. See photo.
4"—2.00

DRACAENA 'GENERAL PERSHING'. New center leaves are creamy-pink turning to vermilion. Striking color combinations.
4"—2.50 5"—3.50-5.00

DRACAENA GOLDIEANA. One of the rarest Dracaenas known. Never plentiful even in native Africa. Gorgeous design. Silver green cross bands on green background. See photo.
4"—15.00

DRACAENA (Hybrid Ti from Hawaii). Highly colored in fall. Grow in light location to maintain color.
4" seedlings (10-18" tall, bushy)—2.50

DRACAENA PERFECTION. A beautiful selection from a group of hybrid seedlings. Trunks and stems are bright maroon, leaves dark green with maroon edges and turn gracefully down at leaf tips. Broader than D. Eugene Andre. Compact grower and more resistant to cold than other Dracaenas. See photo.
4"—3.00 5"—5.00

DRACAENA TERMINALS 'EUGENE ANDRE' (Cordyline Terminalis)—Hawaiian Ti Plant. Broad green leaves that turn red for Christmas if grown in enough light.
4"—2.50 5"—3.50-5.00

DRACAENA WARNECKI. Fine white with green stripe down center. Opposite to D. Bausei.
4"—2.00 5"—3.50 6"—5.00

EPICACTUS. Page 72 and 73.

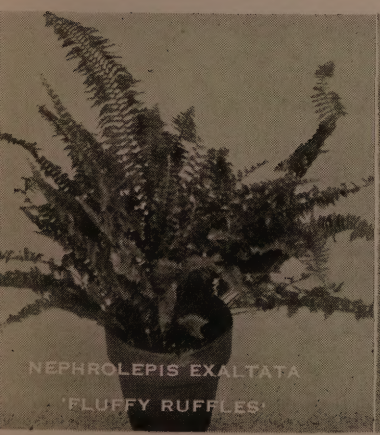
EPISCIA. See page 85.

EUCHARIS AMAZONICA. An attractive fragrant flowering bulbous plant from South America. Foliage is dark green, broad. Several white flowers at terminal of 18" to 24" scape. Pure white with greenish tinge in center of flower. Can be flowered oftener than once a year by growing lush for a few months then drying off. (Do not defoliate plant).
4"—3.00 6"—5.00

DRACAENA PERFECTION

DRACAEN
FLORIDA
BEAUTY

DRACAENA GOLDIEANA



NEPHROLEPIS EXALTATA
'FLUFFY RUFFLES'

PTERIS TREMULA

ADIANTUM HISPIDULUM

ASPLENIUM VIVIPARUM

PTERIS ENSIFORMIS VICTORIAE

FERNS — SELAGINELLAS

ADIANTUM HISPIDULUM. A dwarf Maiden Hair from Australia and New Zealand. See photo.
3"—1.25

ADIANTUM WRIGHTII — Maidenhair Fern. Considered one of the finest maidenhair ferns in cultivation.
4"—2.00 5"—3.00; 3 for 7.50

ALSOPHILIA AUSTRALIS—Tree Fern. Spectacular. Has long been a conservatory favorite. Fronds form a trunk as plant ages. Keep moist. Feed regular. See photo page 80.
5"—3.50 7"—7.50-10.00

ASPARAGUS SPRENERI. An old favorite that grows full and stands rough treatment.
4"—2.00 6"—4.50

ASPIDIUM TSUS-SIMENSE. An ideal dwarf fern for terrariums. Compact stiff fronds. See photo page 83.
3"—1.25

ASPLENIUM NIDUS — Bird-Nest-Fern. Evergreen fronds, sturdy texture. Easy to grow. Keep moist.
4"—2.50 5"—3.50 6"—5.00-7.50

ASPLENIUM VIVIPARUM. A very graceful fern that produces plantlets on its fronds. See photo.
4"—3.00 5"—4.75

BLECHNUM BRAZILIENSE. Compact rosette of coarse fronds. Fronds eventually form a trunk. See photo page 83.
6"—5.00 8"—7.50-10.00

BLECHNUM GIBBUM (Lomaria Gibba). An exotic tree fern, dwarf in habit. Fronds deeply toothed, 24 to 30" long. Dark green color. See photo page 80.
6"—5.00 8"—7.50-10.00

BLECHNUM MOOREI. Similar habit to other Blechnums except pinnae on fronds are broader. Easy to grow and distinct from other two Blechnums offered.
6"—7.50

CYRTOMIUM ROCHEFORDIANUM COMPACTUM. Known as the Holly Fern. Strong glossy fronds. A good accent plant. See photo page 83.
4"—2.50 6"—4.50

DRYOPTERIS ERYTHROSORA. Often included with Pteris ferns. Fronds 12"-18" long. 8" to 12" broad. Japan and China. Quite hardy.
4"—2.50 6"—5.00

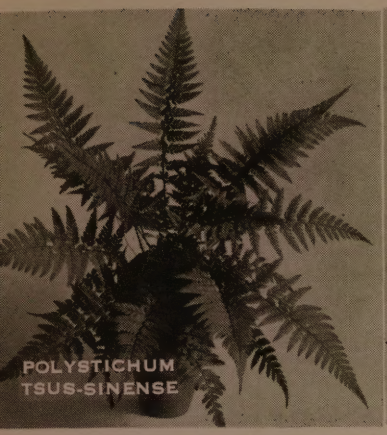
NEPHROLEPIS EXALTATA "FLUFFY RUFFLES". A heavily ruffled frond. See photo page 81.
4"—2.50

NEPHROLEPIS EXALTATA 'WHITMANII'. A mutation of the old fashioned 'Lace-fern. See photo page 83.
4"—2.50 6"—5.00

PITTYROGRAMMA HYBRID. A good basket fern. Can be grown drier than most ferns. However, needs adequate water supply. Has golden powder on fronds.
4"—2.50 6"—5.00

POLYPODIUM POLYCARPON GRANDICEPS. Often called a Platycerium but it is more a terrestrial for growing in pots. Fronds grow clustered and extend upright for approximately 24 inches. The ends of the fronds are branched or forked, forming crests. (E-584).
4"—3.00 6"—5.00

POLYPODIUM POLYCARPON 'RIBBON FERN'. This is an interesting strap-leaf fern that grows well on a raft or in a pot. See photo page 83.
4"—3.00 Raft—5.00-7.50-10.00


POLYSTICHUM TSUS-SINENSE

BELCHNUM BRASILIENSE

CYRTOMIUM ROCHEFORDIANUM COMPACTUM

Ferns

POLYPODIUM SUBAURICULATUM 'KNIGHTII'. A very graceful basket fern. Long drooping fronds which have long pinnae deeply serrated. Slow growing. (E-582).
Baskets—10.00-12.50-15.00

POLYSTICHUM ADIANTIFORME (coriaceum). Called 'Leather-Leaf Fern' by many people because of the durable leather-like fronds. Excellent as a cut fern and to use in orchid exhibits. (E-586).
5"—4.00 6"—6.00

POLYSTICHUM SETOSUM. This is a wonderful compact little fern with stiff glossy dark green fronds. (E-586).
4"—2.50 6"—5.00

PTERIS DENTATA. A dense fern with broad bipinnate fronds two feet long. Crisp green color with linear lobes finely serrated. (E-587).
4"—2.50 5"—3.50

PTERIS ENSIFORMIS 'VICTORIAE'. A very fine small table fern. Easily grown. The variegated fronds of silver and rich green give a good contrast. See photo page 82.
3"—1.00 4"—2.00

PTERIS TREMULA. This graceful fern resembles a cibotium fern. Bright green fronds arching to 3 feet. Excellent for background in flower show exhibits or the conservatory. See photo page 81.
4"—2.00 5"—3.50

TECTARIA SECUTARIA. A lovely species with bold broad-like fronds — bright green. Terminal leaflet is large. Very rich looking fronds. When growing give plenty water at roots and syringe plants. In Winter water sparingly.
4"—2.50 6"—5.00

WOODWARDIA ORIENTALIS. Another excellent basket fern. Called the Chain Fern. Fronds long and drooping. (E-592).
Baskets—10.00-12.50-15.00

SELAGINELLA EMMELIANA 'SWEAT PLANT'. These prehistoric plants before the order of ferns are adapted to terrariums and high humidity. This one is slow growing but rewarding. Bright green fronds that are lace-like. Grow moist. See photo page 84.
3"—1.50

SELAGINELLA KRAUSSIANA (denticulata 'Spreading Club Moss'. This Selaginella is prostrate and forms a green moss appearance. See photo page 84.
3"—1.00

NEPHROLEPIS EXALTATA 'WHITMANII'

POLYPODIUM POLYCARPON

FITTONIAS

F. VERCHAFFELTII 'PEARCEI' (top)
F. VERSCHAFFELTII (lower left);
F. ARGYRONEURA (lower right)

FICUS DECORA. A very handsome F. Elastica type, but with more oval leaf. New foliage in sunlight is a dark red color.
6"—5.00-7.50 8"—10.00-12.50

FICUS PANDURATA—Fiddle-Leaf Rubber. Keep wet at roots or lower leaves may drop. Handsome large-leaf plant for bold effect. See photo page 74.
5" (18-24"—4.00-5.00 6" (24-30")—7.50
8" (36-42")—10.00-12.50

FICUS RADICANS VARIEGATA. Small creeping vine, cream markings.
3"—.75

FITTONIA ARGYRONEURA—Nerve Plant. Nile green leaf, many white veins. Creeping vine. Small. Keep moist. See photo.
4"—1.25, 3 for 3.00

FITTONIA VERSCHAFFELTII. Similar to Argyroneura but with red veins. Keep moist. Ground cover. See photo.
3"—1.00 4"—2.00

FITTONIA VERSCHAFFELTII 'PEARCEI.' Similar to Verschaffeltii but with larger bright green leaves with light bright carmine veins. Ground cover, keep moist. See photo.
3"—1.00 4"—2.00

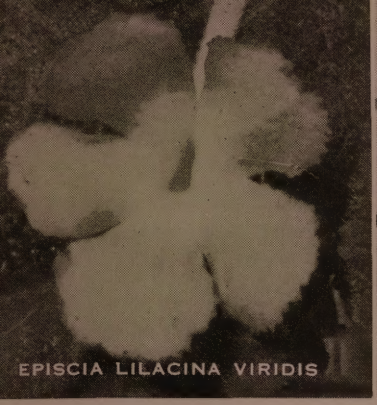
GEOGENANTHUS—See Dichorisandra Mosaica Undata page 76.

EPISCIAS

EPISCIAS. Kin to African Violets, grown like them. Startling foliage. Makes many new plants on runners. Keep moist at all times. At least 60° at nights. Feed monthly with Vitaponex Fertilizer. Plant in peatmoss, leafmold, and sharp sand, with granite gravel (turkey grit) for drainage. Grow in shade. Lovely for hanging baskets. Cannot ship in cold weather.
3"—1.00, except as noted

EPISCIA ACAJOU. Silver leaf, very handsome. See photo.

EPISCIA CANAL ZONE. Leaves brown with prominent green veins. Bright red flowers.


EPISCIA LILACINA VIRIDIS

EPISCIA YELLOW TOPAZ

NAUTILOCALYX: left, N. BULLATUS; center, N. LYNCHII; right, N. FORGETTII

EPISCIA CHOCOLATE SOLDIER. Dark brown, midvein area in grey silver.

EPISCIA SPECIES 'COLOMBIA ORANGE'. New discovery from Colombia. Flowers are bright orange—green foliage.
3"—1.50

EPISCIA CUPREATA. Hairy copper leaves. Red flowers.

EPISCIA CUPREATA 'VIRIDIFOLIA.' Plain bright green leaves, red flowers. Best blomer.

EPISCIA EMERALD GEM. All green. Red flowers.

EPISCIA FROSTY. White leaf. Red flowers.

EPISCIA LILACINA. Medium, bronzy leaves, large blue flowers.

EPISCIA LILACINA 'FANNY HAAGE'. Attractive plush brown leaves with chartreuse veins, blue flowers. See photo.

EPISCIA LILACINA 'VIRIDIS'. Leaves iridescent bright green with silver dusting. Blue flowers. Quite unusual. See photo.

EPISCIA PEARL. New discovery. Green foliage and white flowers. Resembles other Episcias in growth and flowers.
3"—1.50

EPISCIA PINKISCIA. Bright rose-pink flowers larger than most Episcias. Leaves bronze and metallic.

EPISCIA REPTANS (FULGIDA or COCCINEA). Brownish hairy leaves, silvery veins. Exotic. Red flowers.

EPISCIA SPECIES 'YELLOW TOPAZ'. A true yellow flowered Episcia. Foliage is green and flowers easily. Offered first time. See photo page
3"—1.50

NAUTILOCALYX BULLATUS (Episcia Tessellata). Upright, large brown, glassy, quilted leaves. Yellow flowers. See photo page
3"—1.50

NAUTILOCALYX FORGETTII. A distinct novelty. Green leaves with a large maroon area splashed down the center. See photo page
3"—1.50

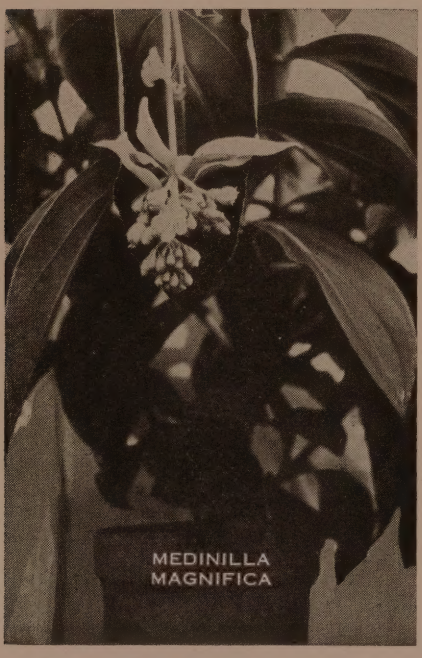
NAUTILOCALYX LYNCHII. Upright habit with smooth satin leaf colored a bright dark maroon; flowers creamy. See photo page
3"—1.50

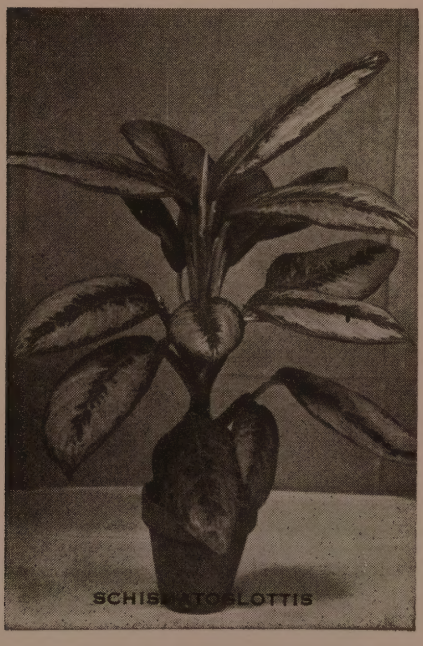
EPISCIA FANNY HAAGE

GINGERS

ALPINA PURPURATA — 'RED GINGER'. This popular herb from the South Seas is a good ornamental. The bright red bracts form a dense cluster to a foot long coming from the center of the leafed stem. Likes some shade and to be grown moist. (E-937).
4"—3.50 6"—5.00

EPISCIA AGAJOU





ALPINA SANDERAE. A decorative variegated ornamental ginger from New Guinea. Nice contrast when used among darker green foliage. (E-937).
4"—4.00

ALPINA SPECIOSA VARIEGATA — 'SHELL GINGER'. A rare form of the green Shell Ginger. Leaves are broader than normal form. Variegation is yellowish cream with light green stripes.
5"—5.00 6"—7.50-10.00

Please note that letters and numbers in parenthesis are for photos in Exotic II, some are black and white and some in color.

AMOMUM CARDAMON — 'CARDAMON'. Leaves when rubbed give off a pleasant spicy aroma. Leaves are dark green and resemble growth of Alpina gingers. Flowers yellow but not grown for a bloom as is A. Purpurata. (E-937).
4"—3.00

KAEMPFERIA ROSCOEANA — Peacock Plant. Ginger family. Silky leaves. Lavender-pink flowers size of a quarter. A new flower every day. Dry off in fall, rest, repeat in spring. See photo page 84.
4"—2.00

ZINGIBER ZERUMBET DARCEYI. A variegated bitter ginger from India. Leaves have striking cream-white border with dark green contrasting center of leaf. Plants go dormant in winter season if water is withheld. Should have a rest season as plant grows better starting in the Spring. (E-937)
5"—5.00

HELICONIAS

HELICONIAS are members of the Banana family (Musaceae). Like warm temperatures and rich loam, open soil. Plenty of water during the growing season but none when the plants die down in winter. Propagate by divisions of the root-stocks when growth begins in spring. Much sought after for flowering arrangements.

HELICONIA ANGUSTIFOLIA. Brazil. About 3 feet tall. Leaves 2 feet long. Bracts red 6" long.
Gal. Plastic Tub—7.50

HELICONIA AURANTIACA — About 3 feet tall, leaves 10" long. Flower cluster 3" long, lower bracts orange, green tipped — upper yellowish-red. Flowers red.
Gal. Plastic Tub—7.50

HELICONIA NEW ORANGE (Brazil)—Gal. Plastic Tub—7.50

HELICONIA BRAZILIENSIS FLAVA -Yellow - Gal. Plastic Tub—7.50

HELICONIA ROSTRATA. Approximately 4 to 6 feet tall. Leaves 2 feet long. See color photo inside back cover.
Gal. Plastic Tub—7.50

HOFFMANNIAS

HOFFMANNIA GHIESBREGHTII. Oblong, brown velvety-green leaves, purple-red beneath. See photo page 93.
4"—2.50

HOFFMANNIA GHIESBREGHTII VARIEGATA. Oblong leaves, cream, brown, green and pink in crazy-quilt pattern. See photo page 93.
4"—4.00

HOFFMANNIA REFULGENS—Quilted Taffeta Plant. Rich silky crinkled foliage, edged with magenta. Old rose beneath. See photo page 93.
4"—3.00 5"—4.00

HOFFMANNIA ROEZLII. A beautiful copper brown leaf with new growth bronze. See photo page 93. **4"—4.00**

HOFFMANNIA VITTATA. New leaves rosy bronze with striking silver veins. See photo page 93. **4"—4.00**

HOYAS — IXORAS

HOYA BELLA — Wax Plant. The leaves are an inch long and pointed. The fragrant flowers are pure white in compact umbel with pink top segments. Dwarf trailing vine. See photo page 84.
3"—1.50 4"—3.00 6"—5.00

HOYA CARNOSA COMPACTA. A selected form with extreme undulation of the leaf.
3"—2.00 4"—3.50

HOYA CARNOSA VARIEGATA — Variegated Wax Plant. Unusual flowers.
3"—.75 4"—3.00 6"—5.00

HOYA MOTESKOI. Broad oval leaves with silver spotting. The star-like flowers in umbel are pinkish cream with a red-purple center. See photo of Hoya Bella which is similar.
3"—1.50 4"—3.00 6"—5.00

HOYA SILVER LEAF. A very attractive leaf—silver markings over green—free flowering with maroon flowers. A new introduction. Really different. (E-200).
3"—2.00 4"—3.50 6"—6.00-7.50

IXORAS

The ixoras listed below have been especially selected. They are easy to grow and add color and charm.

IXORA CHINENSIS. A brilliant red head of flowers — leaves somewhat like a gardenia.
4"—3.00

IXORA. GILLETTE'S YELLOW, a light yellow, bearing large flower clusters. A heavy bloomer on mature plants, striking.
6"—4.00

IXORA. HELEN DUNAWAY, unusually large cymes of the deepest orange, a profuse bloomer, good background for the smaller ixoras.
6"—3.50

IXORA. HENRY MORAT, a Miami developed hybrid of accuminata x coccinea parentage; light pink, fragrant, blooms prolifically over a long period. The standard pink.
5"—3.50

IXORA. HERRERA'S PINK, a recent importation destined for great popularity, color is a deep rose, upright and a good grower. Trials have been very favorable.
5"—3.50

IXORA McGEE'S YELLOW, a variety that has held up under all tests. Has never shown chlorosis, a good grower and a decided improvement over the old I. lutea. Can be grown in full sun, blooms best when grown on the dry side.
6"—3.50

IXORA. NANCY LEE, an improved I. Fraserii of upright growth. Flower color when full mature is flamingo. In demand, must be grown in shade.
6"—3.50

IXORA. RED VELVET, a hybrid of SUPERKING and CHINENSIS parentage, flower clusters of the deepest red on very graceful plants, requires full sun.
6"—3.00

IXORA. ROSEA, a vivid deep rose, although not entirely successful on its own roots, grafted onto Trinidad Pink, has made it very popular, blooming almost the year round, well suited to planter boxes as the growth is more procumbent in habit. Very choice.
5"—5.00

IXORA. SINGAPORE No. 1, an orange-yellow seedling of unusual bushy habit, free flowering, well liked, best in partial shade.
6"—4.00

IXORA SUPERKING, a macrothyrsa type red ixora of compact and very floriferous habit. The showiest of all the ixoras and in most demand. An ideal variety for growing under glass during the winter months as the plants are almost always in bloom, flowering while still small. They can be forced for spring. See photo page 75.
6"—3.50

IXORA. WILLIAMSII (Trinidad Red) a large flowerhead of deepest red, Spectacular. Plants are of cane-type growth. Can be used for cut flowers. Its lasting quality and stem length make it ideal for this purpose. This plant has immense possibilities.
6"—3.00

JATROPHA PANDURIFOLIA 'BOYNTON' (J. HASTATA). A tropical shrub that flowers almost constantly with scarlet-flowers in clusters. Leaves somewhat irregular and green. This is an improved selected type. (G-547).
4"—3.00

MEDINILLA MAGNIFICA — Thick blue green foliage. Pendulous inflorescence large showy pink bracts with carmine-red flowers. Slow growing. See photo page 86.
5"—7.50-10.00

MUSA CAVENDISHII—Dwarf Ladyfinger Banana. Delicious fruit.
8"—5.00

MUSA MAURELII. The red-leaved banana. The trunk, leaf stems, and under leaves are a bright, rich red. In good light a dark wine-red spreads over the upper leaf surface. Native to Ethiopia. Makes a good tubbed specimen.
6"—5.00 8"—10.00

MUSA SPECIES FROM VEIT NAM. Very dwarf, midrib red, stem black.
5"—6.50

OXALIS HEDYSAROIDES RUBRA 'FIRE FERN.' One of the most exotic oxalis in cultivation. The leaves are solid dark maroon on slender stems. Intense yellow flowers above leaves. See photo page 86.
3"—1.50

PALMS

VEITCHIA MERRILLII (ADONIDIA) Called 'Manila Palm' or 'Dwarf Royal'. Attractive clusters of red fruit in the late Fall. Slender smooth trunk and arching crown of glossy-green fronds. Dwarf and slow growing. Excellent for pots.
5"—3.00

COLLINIA ELEGANS—Dwarf Palm. Wonderful for indoors. Can grow in shade.
3"—.75; 3 for 2.00 8"-12" tall
4"—3.00 5"—5.00

CHAMAEDOREA ERUMPENS. An excellent houseplant. Grows tall slender stems. One of the finest new palms. See photo left.
6"—5.00

RHAPIS EXCELSA (R. Flabelliformis)—Lady Palm. Another excellent tub palm. See photo left.
8"—7.50 (30"-36" tall)

PASSIFLORA ALATO-COERULEA—Blue Passion Flower. Parts of the flower often referred to as symbolic of the crucifixion. Greenish-pink petals represent the 10 apostles, blue, white and purple rays of the corona the crown of thorns, 5 anthers the wounds, 3 stigmas the nails, coiling tendrils the cords and whips, 5 lobed leaves the hands of the persecutors. Vine.
3"—1.50

PASSIFLORA COCCINEA—Red Passion Vine. A brilliant scarlet flower that startles the imagination. Recently discovered in Peru. See photo above.
3"—2.50 4"—3.75

PELLIONIA DAVEAUANA. Leaves have light green area along mid-rib, bronze edges. Fine creeper or hanging basket.
3"—.75 3 for 2.00

PELLIONIA PULCHRA. Small vine with purplish leaves and black veins. Purple stems. Keep moist. See photo page 91.
3"—.75 3 for 2.00

PEPEROMIAS

PEPEROMIA 'EMERALD RIPPLE'. Very similar to Little Fantasy except the leaf is twice as large. Compact grower. Some white flowers. See photo.
3"—1.00

PEPEROMIA GLABELLA VARIEGATA. Heavily variegated with pale green and creamy irregular areas over the small elliptic leaves. Stems are red and freely branching. Quite distinctive. See photo.
3"—1.00

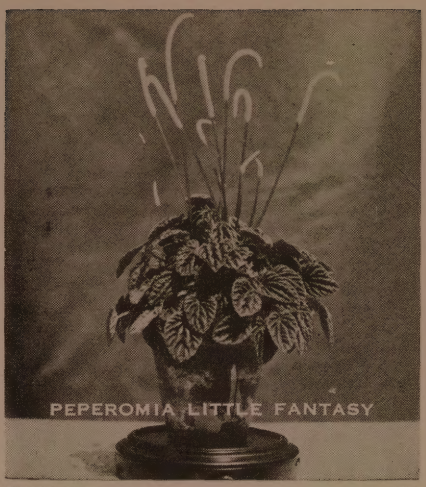
PEPEROMIA HEDERIFOLIA. Attractive bright silver foliage with purple cast near center of leaf. See photo.
3"—1.00

PEPEROMIA LANCEOLATA. This is quite different. The leaf is very rich green with chartreuse veins along midrib.
3"—2.00

PEPEROMIA 'LITTLE FANTASY'. A grand new species that ranks tops for the small coffee table accent. The chalk-white catkin flowers contrast with the 2" wrinkled almost black green leaves. See photo.
3"—1.50

PEPEROMIA MACULOSA. Shiny fleshy long narrow leaves (gray-green) with silvery-green ribs. Petioles spotted red-purple. Different. See photo below.
3"—1.50 4"—2.50

PEPEROMIA METALLICA — Very compact. Small waxy leaves are chocolate with pale green stripe down midrib—sliver beneath the red veins. See photo below.
3"—1.00 4"—2.00



PEPEROMIA VERSCHAFELTII

PEPEROMIAS LEFT:

1. P. HEDERIFOLIA
2. P. GLABELLA VARIEGATA
3. P. SANDERSII
4. P. SPECIES 'SWEETHEART'
5. P. METALLICA
6. P. VERSCHAFELTII
7. P. ORNATA
8. P. OBTUSA VARIEGATA
9. P. MACULOSA
10. P. 'EMERALD RIPPLE'
11. P. 'LITTLE FANTASY'

XANTHOSOMA ATRIVIRENS ALBO-MARGINATUM

RHECTOPHYLLUM MIRABILE

RHAPHIDOPHORA CELATOCAULIS

PEPEROMIA ORNATA — Prominent maroon lines underneath leaf—dark rich green above. See photo page 89.
3"—1.25

PEPEROMIA 'SWEETHEART' (Silver-heart). The heart-shaped leaves are striped with silver much like the round leafed "Watermelon" Peperomia. See photo.
3"—1.25

PEPEROMIA VERSCHAFELTII. A lovely compact plant with oval heart shaped leaves. The surface is bluish-green with wide silver bands (similar to Sandersii) between the sunken creamy veins. Leaf and petiole is very sturdy. Superior to P. Sandersii. See photo page 89.
3"—2.00 4"—3.00

PLATYCERIUM — See page 98.

POTHOS AUREUS 'SILVER MOON'. Vine with distinctive variegated leaves in marble pattern.
3"—.75; 3 for 2.00

PUNCIA GRANATUM NANA 'Dwarf Pomegranate'. Small bright green leaves with scarlet flowers. Fruit is orange-red. Fine pot plant.
4"—2.50

RECHSTEINERIA LEUCOTRICHA 'BRAZILIAN EDELWEISS'. A bulbous plant shown for the first time in 1954 in Brazil. A stem rising from the center of the bulb carries two leaves (sometimes more). Flowers rise from the leaves in May a bright pink, tubular in shape. Leaves are matted with silky white hair. Plant goes dormant in winter—run dry when dormant. A genuine novelty. (E-643). (E-623-color).
4"—5.00

RHAPHIDOPHORA CELATOCAULIS—Shingle Plant. Unequalled sided rounded leaves, mature leaves are cut or perforated. Grow on wall or totem. Grow as Philodendron. See photo.
Rooted cutting—2.50 Totem—5.00-7.50

RHAPHIDOPHORA SPECIES—Shingle Plant. Smaller leaves than Celatoucaulis and darker green color.
Rooted cuttings—2.50 Totem—5.00-7.50

RHEKTOPHYLLUM MIRABILE. Variegated green and white leaves 8-12" long. Rare. See photo.
5.00

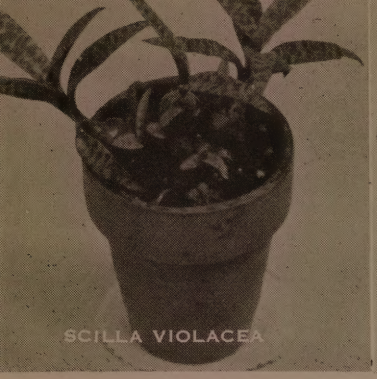
RHIPSALIS, See page 92.

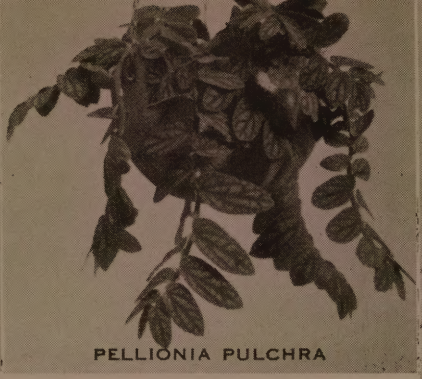
SANSEVIERIAS

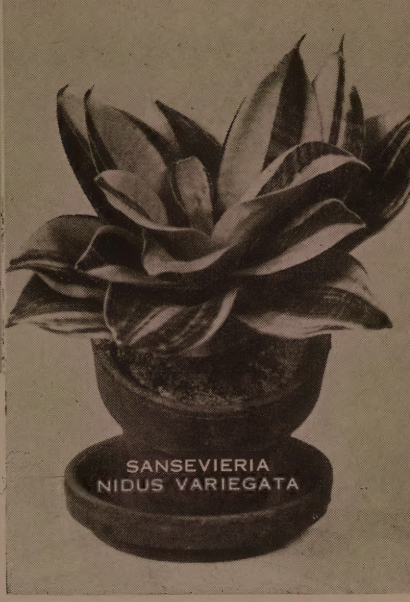
SANSEVIERIA COMPACTA. Short, compact plant. Dark green, yellow margin.
3"—.60; 3 for 1.50

SANSEVIERIA EHRENBERGII. Steel-blue, channeled leaves edged with white. Fan-like pattern. A cast-iron plant. Grows anywhere. See photo page 91.
3"—2.50 4"—3.50

SANSEVIERIA GOLDEANA. A variant of S. Laurentii with much darker golden yellow bands on margin of leaves. Released after 20 years of propagation from a single plant. See photo page 91.
4"—2.00


SCILLA VIOLACEA


PELLIONIA PULCHRA


SANSEVIERIA NIDUS VARIEGATA

SANSEVIERIA HAHNII. Compact, low-growing. For dish gardens. See photo.
3"—.60; 3 for 1.50
4"—.85; 3 for 2.25

SANSEVIERIA NELSONII. Tall, very dark green pointed leaves. Durable. See photo.
3"—.60; 3 for 1.50 4"—2.00

SANSEVIERIA NIDUS VARIEGATA. A handsome variegated short leaved type. See photo.
4"—2.50

MIDDLE PHOTO RIGHT: Spathiphyllum Candidum

SANSEVIERIA SILVER HAHNII. See photo.
3"—.85

SCILLA VIOLACEA. A miniature bulbous plant with swollen base. Leaves variegated with silver areas and red beneath. Flowers in Winter with small green and blue flowers on slender racemes. African. See photo.
3"—2.00

SCHISMATOGLOTTIS (Algaoenema Roebelenii). Large upright handsome houseplant. Grows under adverse conditions. See photo page 86.
4"—2.50 5"—3.50; 3 for 9.00 6"—5.00

SCINDAPSUS PICTUS ARGYRAEUS (Pothos Argyraeus). A neat climber with iridescent dark green leaves and silver spotting. See photo page 93.
3"—1.00

SANSERVIAS (corner photo)
Large plant: S. GOLDEANA. Small plants left to right:
S. SILVER HAHNII, S. EHRENBERGII, S. NELSONII, S. HAHNII

ATHIPHYLLUM FLORIBUNDUM

STENANDRIUM LINDENI

SIDERASIS FUSCATA

TACCA (BAT FLOWER)

TREVESIA SANDERI

Foliage Plants . . .

SIDERASIS FUSCATA. An excellent slow-growing tropical. The clustering rosette of broad olive green leaves has silvery bands lengthwise of midrib. The leaves are covered top and bottom with reddish brown hairs that makes them look like the red velvet plush on a Gay 90 sofa. Handsome lavender-blue flowers March through May. See photo left.
3"—1.50 4"—3.00

SPATHIPHYLLUM CANNIFOLIUM. Pale green leaves. Large white fragrant flowers. Rare.
4"—3.00

SPATHIPHYLLUM CANDIDUM. Glossy green foliage. Beautiful white flowers in spring. Easy to grow indoors. Likes shade. Feed with Vitaponex Fertilizer. See photo page 91.
5"—3.00 6"—4.00-5.00

SPATHIPHYLLUM FLORIBUNDUM. Dwarf habit. Lovely velvet leaves, small white spathe. See photo page 91.
3"—1.25 4"—2.50

STENANDRIUM IGNEUM (Chameranthemum igneum). Same habit as S. lindenii except the foliage is velvety dark with contrasting golden with orange cast veins along midrib. Accent plant.
3"—1.50

STENANDRIUM LINDENII. Trailing plant — broad chartreuse veins on a black-green background. Flowers small bright yellow. See photo page 91.
3"—1.50

STREPTOCARPUS SAXORUM — A delightful Gesneriad for a hanging basket. Light blue flowers all winter long. Very popular.
3"—1.50 6"—5.00

SYNGONIUM WENDLANDII. A small dish garden plant, green arrow shaped leaves centered with silver.
3"—.75

TACCA CHANTRIERI—Bat Plant. Weird black flowers with long tendrils. Georgeous ribbed foliage. A true exotic. Formerly listed as T. Cristata. Plants to flower in 1 year. See photo.
4"—3.00

TREVESIA SANDERI (T. micholitzii)—Snowflake Plant. A member of the Aralia family. Hardy down to 20 degrees F. Grows in a handsome rotund shape. Exotic. See photo.
4"—3.00 5"—5.00 6"—6.50 8"—10.00

XANTHOSOMA ATRIVIRENS ALBO- MARGINATUM. A Peruvian species called Pocket Book plant. Tends to go dormant in winter. Cream variegation on greyish-green leaf. See photo page 90.
6"—7.50

XANTHOSOMA LINDENII 'MAGNIFICA'. Handsome tropical aroid, prominent white veins. Grow as for alocasias. See photo page 102.
4"—3.00 5"—5.00 6"—7.50

RHIPSALIS

RHIPSALIS. Epiphytic cacti often called **Mistletoe Cactus** because of the berries which may be white or colored. Unusual form. Look exotic when grown in baskets. Grow well in osmunda, tree fern or Ivory Bark. All offered are spineless. See photo.
3"—1.50 6"—7.50

RHIPSALIS
Left to right: R. PARADOXA, R. RHOMBEA, R. SPECIES, R. CAPILLIFORMIS, R. BURCHELLII

RHIPSALIS

RHIPSALIS CAPILLIFORMIS—Old Man's Head. Slender cylindrical stems branching. Flowers cream-color and small. Berries white.

RHIPSALIS BACCIFERA (R. Cassutha). The popular **Mistletoe Cactus** with white berries. Leaves are terete and much branched.

RHIPSALIS PARADOXA. Stems are three angled and zigzagged with aerial roots. Small white flowers.

RHIPSALIS BURCHELLII—Pink Berry. Lead pencil stems. Pink-berried mistletoe cactus.

RHIPSALIS RHOMBEA. Stems flat and rhomboid. Flower cream with spot inside.

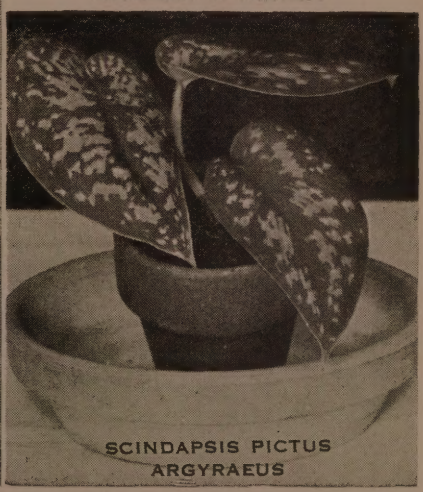
RHIPSALIS SPECIES. Habit like Rhombea but larger leaves.

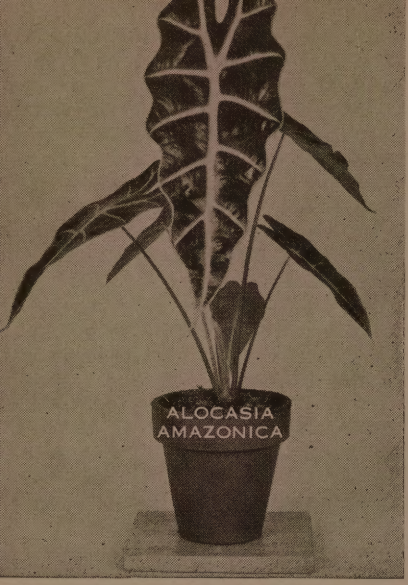
RHIPSALIS SALICORNOIDES (Hatiora Salicornoides). Leaves are terete, much branched and club shaped. Flowers salmon colored.

HOFFMANNIAS

Top row: H. GHIESBREGHTII — H. GHIESBREGHTII VARIEGATA
Bottom row: H. REFULGENS — H. ROEZLII, — H. VITTATA

ALOCASIA X FANTASY





ALOCASIAS

ALOCASIAS—The exotic Alocasias are from tropical Asia. They have heart-shaped leaves in gorgeous patterns. Grow from tubers in sphagnum or peat moss mixed with charcoal or turkey granite. Keep moist all the time and warm (70-80° in day and 60-65° at night). Feed monthly with liquid fertilizer. Cannot ship in cold weather.

Price—5.00-7.50-10.00 Unless Otherwise Quoted

ALOCASIA AMAZONICA (A. Sanderiana x A. Lowii Grandis). Handsome, white veined leaf. Hybrid vigor makes it a good grower. See photo.

ALOCASIA CHANTRIERI (A. Cuprea x A. Sanderiana). Dark green with pearl grey veins. Back of leaf coppery purple. See photo.

ALOCASIA CUPREA. Most compact species. Heavy, wavy leaves. Maroon-purple dark shining green front, prominent veins. Leaves 6-10". See photo.

ALOCASIA CUPREA x A. WATSONIANA. Beautiful. **10.00**

ALOCASIA x FANTASY (LONG x SAND) x CHANTRIERI). New compact dwarf type with silver leaf. Second generation hybrid. See photo page 93.

ALOCASIA JOHNSTONII (Cyrtosperma Johnstonii). Leaves are beautifully marked with red veins. Leaf stalk has upward pointing spines.

ALOCASIA LONGILOBA x A. SANDERIANA CLONE NO. 1. All propagated from a selected type. Leaves have fine milky-way pattern on purplish green leaf.

ALOCASIA LOWII GRANDIS. Deep metallic brownish-green, grey-green-veins. No $5 size.

ALOCASIA LOWII GRANDIS x A. WATSONIANA. Exceptional hybrid. Similar to photo A. Watsoniana. **7.50-10.00-15.00**

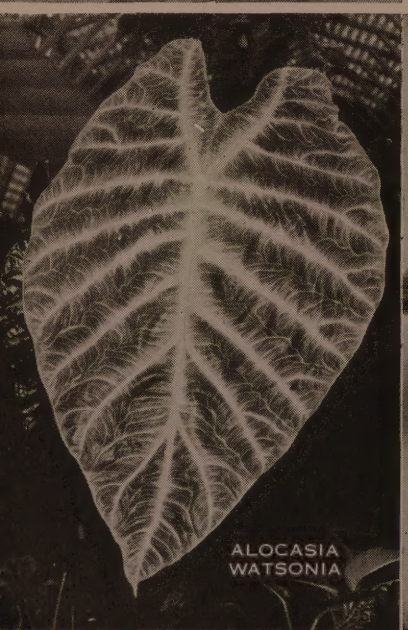
ALOCASIA LOWII VEITCHII. Handsome. Milky-way pattern. No $5 size. See photo.

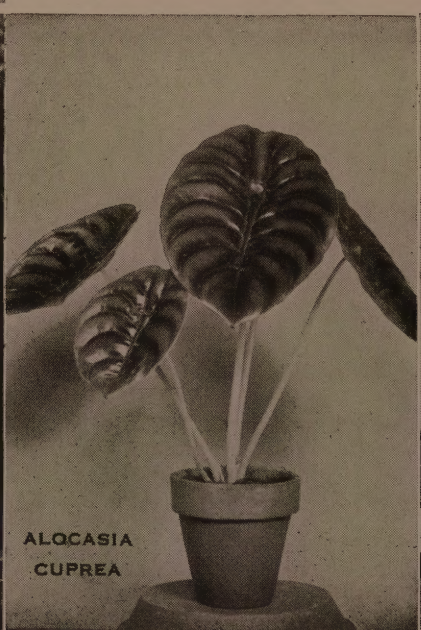
ALOCASIA SEDENII (A. Cuprea x A. Lowii Grandis). Hybrid of two of the finest species. Olive-green with silvery cast, purple beneath.

ALOCASIA WATSONIANA. Queen of the Alocasias. See photo. Limited. **1 size only—15.00**

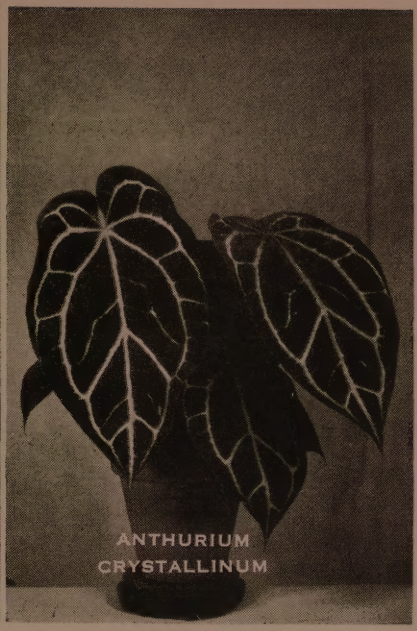
ALOCASIA WAVERIANA. A dark purple lance leaf with waved edges.

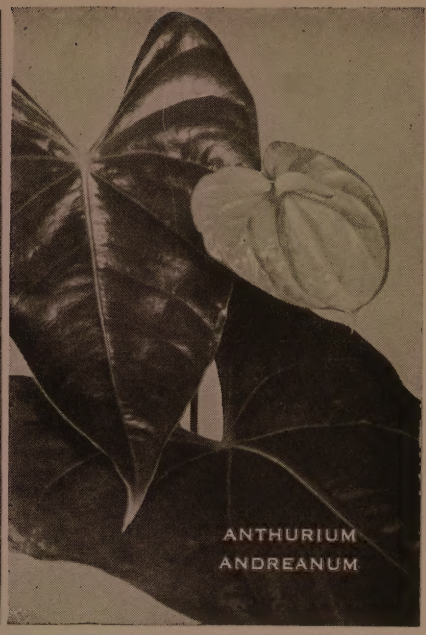
ALOCASIA ZEBRINA. Rare. Mottled stems.





ANTHURIUM SPECIES


ANTHURIUM CRYSTALLINUM


ANTHURIUM ANDREANUM

ANTHURIUMS

ANTHURIUMS. Grows in leafmold, treefern, osmunda or sphagnum moss. Keep damp. Cover aerial roots with sphagnum. Feed monthly with liquid fertilizer. Miniumu 55° at night.

ANTHURIUM ANDREANUM. Brilliant patent-leather flowers of red, white, coral or pink. Last for weeks. Plain foliage.
5"—5.00 6"—6.00-7.00
Selected white or very dark red:
5"—10.00 6"—12.00-15.00
Unflowered seedlings (color unknown):
3"—1.50 4"—2.50-3.50

ANTHURIUM BAKERI. Compact grower—leaves are narrow and strap-like with very heavy substance. Fruit is brilliant red on spadix and is showy for several months. See photo. E-color-78).
4"—3.00

ANTHURIUM CARIBBEAN. A solid green heart-shaped leaf of very heavy texture. Stands a great deal of cold.
4"—2.50 5"—3.50 6"—5.00

ANTHURIUM CLARINERVUM. A dwarf species from Mexico. Resembling A. Crystallinum. However, leaves are broader heart shape with wider silver banding and much heavier substance. See photo. (E-89).
4"—3.50

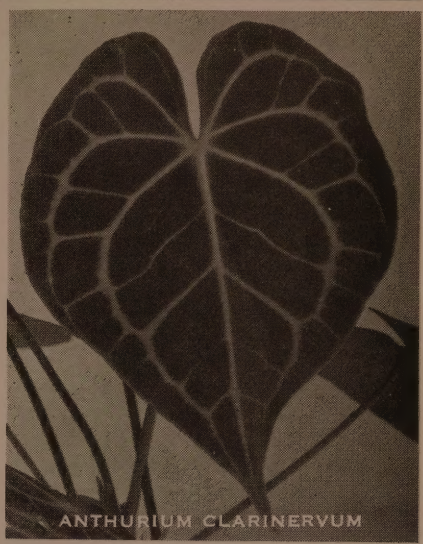
ANTHURIUM CRYSTALLINUM. Velvety-shaped leaves with glistening silver veins. Inconspicuous flowers. See photo.
3"—1.50 4"—3.00 6"—5.00

ANTHURIUM FORGETTII. Like Crystallinum but oval leaves. See photo page 96.
3"—1.50 4"—3.00 5"—5.00

ANTHURIUM KALBREYERI. Unusual green leaf pattern.
5"—3.50

ANTHURIUM PICTAMAYO. Called 'Begonia Leaf' because of the lace-like cut leaf. A lovely trailing or climbing Anthurium. Graceful without growing unmanageable. See photo page 96. A new introduction.
4"—3.50

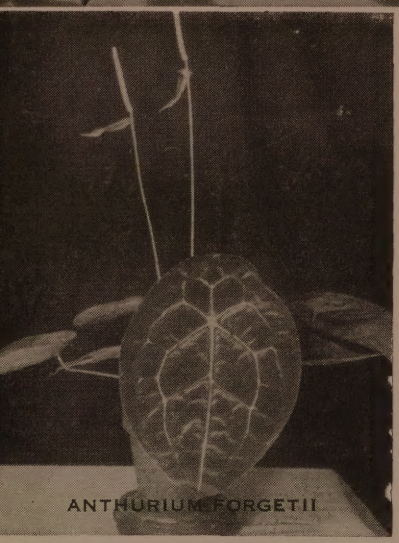
ANTHURIUM SCANDENS. Climbing variety. White berries when mature.
3"—1.50 4"—2.50-3.50


ANTHURIUM CLARINERVUM

ANTHURIUM WAROCQUEANUM

DIEFFENBACHIA ARVIDA

DIEFFENBACHIAS
Top row: D. ARVIDA, D. RUDOLPH ROEHRS, D. JENMAN
Second row: D. OERSTEDII VAIREGATA, D. PICTA
Third row: D. MEMORIA-CORSII, D. BAUSEI, D. LEONI
Bottom row: D. HOFFMANI, D. LEOPOLDII, D. SPLENDEN



ANTHURIUM FORGETII

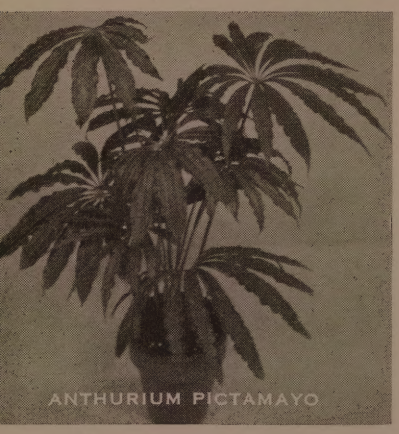
ANTHURIUM SPECIES NO. 1. A real exotic. See photo page 95.
4"—2.50 5"—4.00 6"—7.50

ANTHURIUM SPECIES 'GOLD CHARM'. A new introduction with typical green heart-shaped leaf of many Anthuriums. The spathe is white and the fruit a golden color.
4"—5.00

ANTHURIUM SCHERZERIANUM 'Pigtail or Flamingo Flower'. Dwarf grower — bright colored spathe and twisted spadix. Admired by everyone.
4"—4.50

ANTHURIUM SUBSIGNATUM (Wrightii). A cow-face leaf, fascinating design.
4"—2.50 5"—3.50

ANTHURIUM WAROCQUEANUM. Extremely long velvety leaf with pale green veins. Rare. See photo page 95.
4"—(3-4 leaves)—3.50
4"—(6-8 leaves)—5.00
5"—7.50-10.00



ANTHURIUM PICTAMAYO

DIEFFENBACHIAS

DIEFFENBACHIAS. One of the most spectacular houseplants. Large leaves, beautiful markings. Grow in light or shade. Water thoroughly once a week.

DIEFFENBACHIA 'ARVIDA'. An unusual white leaf pattern. See photo.
Limited. 4"—5.00

DIEFFENBACHIA AMOENA. Similar to D. Picta but larger, heavier leaf. Very tough plant.
5"—3.00-4.00 6"—5.00-6.00

DIEFFENBACHIA BARRANQUINIANA. Bright green spotted white.
4"—4.00

HYDROMIX AUTOMATIC GARDENER

(Dispenser for Fertilizer and Insecticides)

★ Gives accurate proportioning at all water pressures.
★ No change in solution strength during application.
★ Operates with all types of nozzles and sprinklers.
★ Absolutely safe. Will not burn if used as directed.
★ Attaches to faucet. Nothing to lug around. 4.95 postpaid.

HYDROMIX AUTOMATIC GARDENER is not a siphoning device. It operates on hydraulic principles. It mixes scientifically and accurately one part of concentrated chemicals to 100 parts of water—under any average water pressure—without danger of feedback. A quart bottle of concentrate makes 25 gallons of solution. The HYDROMIX AUTOMATIC GARDENER may be used for spraying **HYDROMIX GARDEN INSECTICIDE** listed on order blank which contains Malathion and Methoxychlor. This will control most insect pests of orchids as scale, thrips, red spiders, mealy bugs and beetles.

DIFFENBACHIA BAUSEI. Chartreuse green with yellow and white spots. See photo.
4"—3.00

DIEFFENBACHIA BOWMANNII. Chartreuse mottling. Rare.
4"—4.00

DIEFFENBACHIA FOURNIERI. Rare. Rich green with white mottling. Heavy texture. See photo.
5"—7.50

DIEFFENBACHIA HOFFMANNII. Rare. Striking white leaf pattern. See photo.
4"—4.00

DIEFFENBACHIA JENMANII. Unusual white streaks. See photo.
4"—3.00

DIEFFENBACHIA LEONII. Two-tone chartreuse and nile green. See photo.
4"—3.00

DIEFFENBACHIA LEOPOLDII. This is a grand dark green velvet leaf with crinkled segments and a vivid white mid-rib. See photo page ____.
4"—5.00

DIEFFENBACHIA MEMORIA-CORSII. See photo.
4"—5.00

DIEFFENBACHIA OERSTEDII. Rich dark green leaf. New.
4"—2.00 5"—3.00

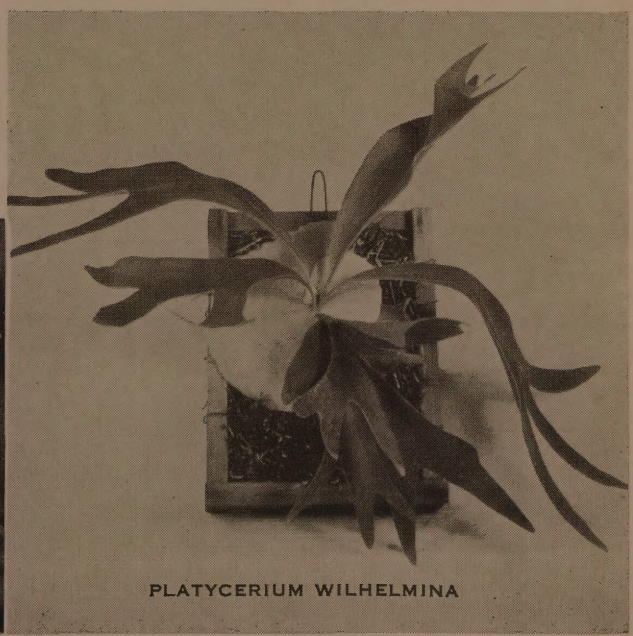
DIEFFENBACHIA OERSTEDII VARIEGATA. Dark green leaf with white mid-rib. New. See photo.
4"—2.50 5"—4.00

DIEFFENBACHIA PICTA. White spots, green background. Most familiar variety. See photo.
4"—2.00; 3 for 5.50 5"—3.00

DIEFFENBACHIA 'RUDOLPH ROERHS'. Creamy-white leaves with dark green veins. See photo.
4"—2.00; 3 for 5.50 5"—3.00

DIEFFENBACHIA SPLENDENS. Velvety-green, small white dots. Different. See photo.
4"—3.00

CYMBIDIUMS (See page 42)



PLATYCERIUM WILHELMINA

PLATYCERIUM BLOOMII

PLATYCERIUM

ELK'S HORN OR STAG'S HORN FERN

PLATYCERIUMS are considered the most extraordinary of all ferns. The fertile frond is forked like stag's horns. The sterile frond grows flat, is bright green and turns brown with age. A new fresh green sterile frond grows over the brown one. They are true epiphytic ferns, grow best on raft, baskets or shallow pans. We fasten plants to a cypress raft using sphagnum moss and dairy manure around their roots. Platyceriums require moderately warm temperatures, 60° at night, but will stand much colder nights and very warm day temperatures. Plants grow in strong light or shade. SOAK plants with warm water when dry. Feed liquid fertilizer monthly.

PLATYCERIUM ALCICORNE—5.00-7.50-10.00

PLATYCERIUM BIFULCATUM. See photo.
Small—5.00 Medium—7.50
Large—15.00-20.00

PLATYCERIUM BLOOMII — New introduction. A handsome erect frond that presents a regal effect. See photo. **7.50-10.00**

PLATYCERIUM GRANDE. Small—10.00

PLATYCERIUM LEMOINEI. 7.50-10.00-15.00

PLATYCERIUM SUMBAWENSE.
Small—5.00 Medium—7.50-10.00

PLATYCERIUM VASSEI. Small—10.00

PLATYCERIUM VEITCHII. See photo.
Small—5.00 Medium—7.50-10.00
Large—15.00

PLATYCERIUM WILHELMINA REGINA. A noble species from Papua. New. See photo page 97.
10.00

PLATYCERIUM BIFURCATUM

PLATYCERIUM VEITCHII

CROTON MONA LISA BACHMANII

MONA LISA BACHMANII — One of the finest introductions seen in many a year. A rich creamy yellow thruout the largest portion of the leaf and dark green in the margin of the leaf. See photo. — **5.00**

Rare Crotons

CULTURE OF CROTONS: New growth is green, but colors up as it matures. Needs some sunlight. Keep moist, soak soil well at least once a week. Set pot in saucer of sand and keep moist. Best temperature, 60° minimum at night, higher in daytime. Sponge foliage with water once a month. For rapid growth feed monthly with Ortho-Gro and another liquid fertilizer alternately.

APPLAUSE. Semi-oak, large leaf, very compact, yellow and green on new growth maturing to blush pink. — **5.00**

BRAVO. Semi-oak leaf — deep pink to rose, very compact. — **5.00**

CAPTAIN GILBERT CUTLER. Large broad elliptical. Maroon background, heavily veined and blotched in red. — **3.50**

CARIBBEAN STAR. Elliptical medium size, heavily veined, orange red center with green to dark black areas. — **3.50**

COMMOTION. Semi-oval large leaf, green and yellow color, aging to pastel pink. — **5.00**

CUTLER'S #7. Compact oak leaf, heavily veined in red, short petiole and nodes. — **5.00**

ELIZABETH CUTLER. A very fine pastel pink. — **5.00**

FASCINATION. Semi-oak leaf, compact — old rose. — **5.00**

GOLDEN CHORD. Semi-oak, bright yellow and green, improved Mt. Florin. — **3.50**

MARY BROOKS. Semi-oak large leaf, vigorous grower, vivid red veins and color blotching. — **5.00**

NEMBULA. Elliptical large leaf, heavily veined light pink. — **5.00**

RAPTURE. Semi-oak large leaf, green and yellow maturing to pink. Very large size leaf. — **5.00**

ROSS CUTLER. Semi-oak, very large leaf. Maroon background with brighter red veins. — **5.00**

SYBIL GRIFFIN. Very fine, very large semi-oak. Deep pink. — **5.00**

SUNDAY. Semi-oak large leaf. Blotches of orange, yellow and red. — **3.50**

CROTON HYBRIDS

AMERICA — very large broad oak leaf, red veined, dark maroon to purple. Striking.

CAMEO — delicate pink, semi-oak.

CAROL-ANN CONRAD — large, broad, irregular. Maroon background, heavily veined red.

CHARLES RUTHERFORD — large modified oak leaf, red midrib, maroon-purple background, red patches

COLONEL BULLOCK — Semi-oak, large leaf. Dark pink blotches.

COLUMBIANA — elliptic brilliant carmine, purple and green.

CONFUCIUS — large, broad waved leaf, multiple colors; yellow, red, pink, maroon, green.

DAISY O — elliptical medium size, good deep red.

DREER No. 7 — oak leaf medium size, red to pink irregular pattern. Compact growth.

DR. STEWART — large broad leaf, red, blotched pink.

GENERAL MARSHALL — linear and waved leaf, red midrib and spotted red on maroon.

GLORIOSA — broad large leaf, blotches of red on purple and maroon. Very beautiful. Hardy.

HARVEST MOON — broad leaf, yellow midrib, green dominant, white veins.

IRENE KINGSLEY — medium oak leaf, blotches red and maroon.

JUNGLE QUEEN — obovate leaf, red veined, red, pink and maroon blotches. **— 5.00 only**

KENTUCKY — irregular leaf, red veined, blotched red on purple. Large foliage.

LIBERTY — jagged oak leaf, red margin, red veins, maroon blotches.

L. M. RUTHERFORD — large semi-oak leaf, consistent pink color.

MARTHA FRANCIS — large, hardy. Similar to Dr. Stewart.

MONARCH — very large broad irregular leaf, brilliant red — maroon to purple.

MOUNT FLORIN — yellow vein, green leaf. Very compact, medium size.

MRS. FERDINAND KOEHL — one of the best of the older oak leaf types.

NORMAN ROCKWELL — semi-oak, dark maroon blotched with carmine — striking.

SPOTLIGHT — narrow irregular leaf, green and yellow with red.

STRAWBERRY — strawberry red, medium size foliage.

REEDII No. 1 — large, elliptical leaf, pink veins, fast grower.

REEDII No. II — large, elliptical leaf, very hardy, pink veins.

PRICE: 4" and 5" pots — 3.50 to 5.00
CHOICE HIGHLY COLORED HYBRIDS NOT LABELED
4" and 5" pots, 1.50 and 3.50

Gloriosa Lily

GLORIOSA ROTHSCHILDIANA — Glory Lily. A splendid low climber, easy to grow; it does well in sun or partial shade. Grows 2-8 feet high, producing gorgeous Lily-like flowers which open a bright yellow and red, but change to deep scarlet. Plant tuber horisontally 2½ to 3 inches deep, being careful not to break the new shoot at the end of the tuber. Fertilize (with liquid) once a month after new growth breaks thru soil. Use regular potting soil. After flowering vines die down and tubers rest for 2-3 months they will start to grow again of their own accord. Simply water and fertilize when new growth appears. See photo.

Giant tubers—1.50 each (Postpaid Prices)
4 for 5.00 6 for 7.50

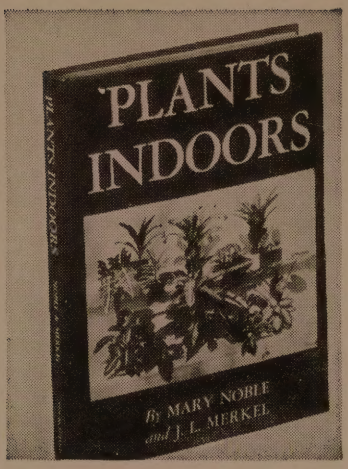
GLORIOSA ROTHSCHILDIANA

Lc BRUNO ALBERTS
#2257, 2262, 2277
See page 13

Lc. GOLDEN FLAME
(Similar to Lc. CHARLESWORTH) 2322, 2470, 2495, 2502
See pages 17, 18

Lc. CARDINAL
Parent 2203, 2224, 2242, 2252, 2323, 2372, 2470
See pages 13, 16, 17, 18

Books



BOOKS

MINIATURE PLANTS for home and greenhouse $5.95
270 pages, 80 drawings and photos by Elvin McDonald

GARDENING IN A SMALL GREENHOUSE, Mary Noble and J. L. Merkel **$4.95**
Complete guide to greenhouse operation.

PLANTS INDOORS, Mary Noble and J. L. Merkel **$6.95**
Over 200 pictures, how to choose and use plants.

YOU CAN GROW ORCHIDS, Mary Noble **$1.98**
Complete instructions for beginners. Many pictures.

YOUR FIRST ORCHIDS AND HOW TO GROW THEM. Oregon Orchid Soc. Inc. $2.00

CORSAGE CRAFT, Glad Reusch and Mary Noble **$4.95**
How to make corsages from garden flowers and exotics.

HOME ORCHID GROWING, Rebecca T. Northen **$10.95**
For advanced growers. Many photos.

THE ORCHIDS — A Scientific Survey, 144 illustrations, 625 pages **$15.00**

CULTURAL HANDBOOK OF BROMELIADS **$2.00**
By The Bromeliad Society

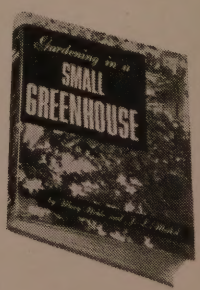
EXOTICA, Alfred B. Graf, 3rd Edition in process, **(2 Vol. Edition $45.00)** **$38.00**
Over 12,000 pictures — 290 color pictures. Available fall or winter 1962-63

AFRICAN VIOLETS, GLOXINIAS, AND THEIR RELATIVES, Harold E. Moore Jr. $10.00
A guide to the cultivated Gesneriads.

VENEZUELAN ORCHIDS — Illustrated (Vol. 1) G. C. K. Dunsterville, L. Garay **$15.00**

VENEZUELAN ORCHIDS — Illustrated (Vol. II) G. C. K. Dunsterville, L. Garay $20.00

Prices postpaid. Florida residents add 3% tax.



FERTILIZERS

EASE TANBARK FERTILIZER — for orchid plants potted in bark. A high nitrogen formula (30-10-10).

ORTHO-GRO (fish emulsion)—For orchids potted in osmunda, tree-fern or charcoal. Can be used as alternate feedings with Orchid Vitaponex or Vitex Orchid Plant Food. Fine for foliage plants.

VITEX ORCHID PLANT FOOD — An all-purpose 18-18-18 formula for any orchids potted in osmunda or treefern. Use 1 teaspoon per gallon of water.

ORCHID VITAPONEX — Developed especially for orchids potted in osmunda, treefern or charcoal. The high potash content induces better flowering for orchids potted in these materials. Also excellent for foliage plants. 6-7-17.

ORCHID VITEX HI-FOS—(6-25-15) High in phosphorous to help initiate flower buds. Excellent for all mature orchids and flowering tropical plants.

SEE YELLOW ORDER SHEET FOR PRICES ★ SEND FOR ADDITIONAL ORDER SHEETS

ALUMINUM POTTING STICKS

ROUND & TAPERED — for use with osmunda — three sizes available.

EASE TANBARK POTTING STICK — for use with bark — formed handle and one end tapered.

PLANT CLIPS ● STAKES ● RINGS—See page 107

FUNGICIDES & INSECTICIDES

These recommended products are designed for control of a specific fungus, bacteria or insect. If one product does not give control then try another.

FUNGICIDES

ANTI-DAMP — for control of damp-off of seedlings — wash seedlings from flask and drench community pots before planting. Also controls leaf spotting diseases or bacterial wilt on adult plants.

DUST — Contains copper and methoxychlor — controls bacterial leaf spotting on phalaenopsis or cattleyas. Not recommended for Dendrobiums. Easy to apply with Handy Squeeze plastic container which can be refilled. Kills some insects.

DuPONT FERMATE — for leafspots. Iron content is beneficial to plant growth.

NATRIPHENE FUNGICIDE TABLETS — damp-off of seedlings — bacterial leafspots — molds — mildews — and rots. For disinfecting soil, pots, flats, benches, tools and equipment. Plants can be dipped or sprayed.

ORTHOCIDE (CAPTAN — leafspots and black rot. Use 1 teaspoon to 1 quart of water.

SEE YELLOW ORDER SHEET FOR PRICES ★ SEND FOR ADDITIONAL ORDER SHEETS

INSECTICIDES

All purpose insecticides which should give control of orchid scales, thrips, red spiders, mealy bug and practically all other insects attacking orchids or foliage plants.

D-X AERO-SPRAY BOMB — Easy to use. Just press level release.

HYDROMIX GARDEN INSECTICIDE — contains Malathion and Methoxychlor — especially designed for use with HYDROMIX AUTOMATIC GARDENER UNIT AND MIST NOZZLE.

DIE-SLUG — for slugs and snails. A liquid bait containing 50% Metaldehyde.

MALATHION — controls many soft bodied scales, mealy bugs, red spiders, etc.

SUPER-CIDE — contains DDT — Rotenone and Pyrethum. Safe all purpose insecticide.

VANDA PRINCESS ELIZABETH
(semi-terete). See page 37

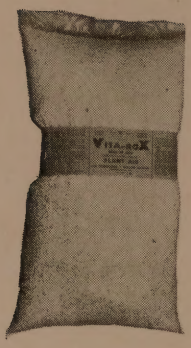
CYNOCHES CHLOROCHILON
Green Swan Orchid
See page 42

#833-950-981 CATTLYEA ENID ALBA 'BRUNO' AM-AOS — See page 22

SLC. RAMONA
Parent #2360
See Page 17

C. JOYCE HANNINGTON
#371, 2080, 2305, 2127, 2215,
2227, 2230, 2236, 2357, 2364, 2469
See pages 15, 16 and 23

LC. HYPERION
Parent of #765, 2221, 2355
See pages 7, 10 and 20



POTTING MIXES FOR ORCHIDS, BROMELIADS AND ALL FOLIAGE PLANTS

OSMUNDA Hobby Bag — (enough for 2-3 plants)

OSMUNDA Bale (dark and light brown mixed) Shipped by Railway Express or motor freight.

MOSTEX (Sphagnum moss) for airlayering and potting.

ORCHID VITA-MIX — complete orchid potting mixture for orchids and bromeliads. Pours easily into the pot. Contains natural ground cork and perlite. Cork has same acidity as osmunda. Use our EASE TANBARK FERTILIZER.

VITA-ROX (Coarse Grade Perlite) Orchids, Bromeliads and all foliage plant soil mixtures. Excellent for rooting cuttings. Instructions included. Provides perfect aeration. A miracle rooting medium.

VITA-SOIL (Ready-Mix Potting Soil) African violets and all foliage plants.

SILVA BARK — is a superior potting material for orchids and bromeliads and used as an ingredient in foliage plant soil mixtures. See below. FINE comes in sizes 1/8" x 1/4" for seedlings; MEDIUM 3" pot size up 1/4" x 1/2" to 1"; 1" over VANDACEOUS.

TREEFERN — Excellent for Orchids and Bromeliads. See page 107.

POT YOUR ORCHIDS WITH SILVABARK

Silvabark's Superior Quality

1. **EASY TO USE. Like a cake mix. Just add water. Anybody can pot an orchid in SILVA BARK.**
2. **CLEAN.**
3. **ECONOMICAL. Bag is 2 cu. ft., 40 lbs. per bag. Will pot 40 6" pots.**
4. **Made from the Douglas fir tree of the mountains of Oregon and Washington.**
5. **ACID. pH 5.2 near pH of osmunda.**
6. **DECOMPOSES SLOWLY. Will be in good condition when plant outgrows the pot.**

FOREST HUMUS—A composted, shredded fir bark humus used by gardeners, and landscapers for soil mixing, mulching and top dressing. Excellent for mixing soil for Bromeliads and all Tropical Plants. Has ph of 4.3. Comes in hobby size and 2 cubic foot bags.

How to use Silvabark

Kinds of plants: Use SILVABARK for potting Cattleyas, Vandas, Cypripediums, Phalaenopsis, Cymbidiums, Epidendrums, Dendrobiums, Oncidiums, Odontoglossums, and other orchid genera. Mature plants, seedlings, even community pots.

Potting of Orchids: First wet SILVABARK in a wash tub or bucket. Prepare the plant as you would for osmunda. Trim off dead roots, decayed backbulbs and all osmunda.

Use regular flower pot (with or without slit sides) large enough to allow for two growths.

Place crock over drainage hole and pour in some damp SILVABARK. Hold plant in position with base of plant at least 1 inch below rim of pot. Have back bulb tight against edge of pot and space for new growths at front of plant.

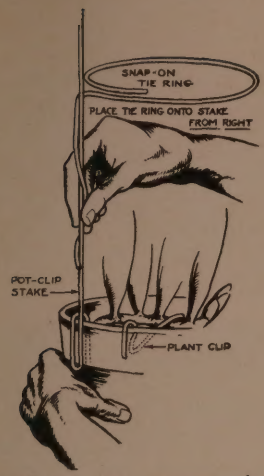
Pour dampened SILVABARK around plant. Firm it with hands or aluminum BARK potting stick.

Tap pot on bench to settle BARK around roots and remove air pockets.

Watering: Water thoroughly right after potting. Water as required to maintain moist condition. Suggest in greenhouses water thoroughly once a week in winter and twice a week in summer plus overhead spraying on sunny days. Do not let plants dry out during period of active growth.

Be sure to saturate material clear to bottom of pot.

BARK may look dry on surface while damp inside the pot and vice versa. Scratch down with fingers to see if plant needs water. When watering, flood top of pot thoroughly, twice if necessary.



Plants grown in the home need watering more often than those in a humid greenhouse, probably twice or three times weekly the year around.

Staking: See sketches.

PLANT CLIP holds up rootless plant. Snap clip end over edge of pot, other over rhizome of plant.—See sketch.

POT CLIP STAKE. Push clip over side of pot at growing end of plant. Then turn pot so stake is on opposite side of pot from you. Grasp bulbs and leaves with left hand (like you would pick up a rabbit by the ears). Take SNAP ON TIE RING in the right hand. Slide it over the leaves and adjust to height. Snap onto stake. The SNAP ON TIE RING can be snapped onto pot clip stake with pig tail up to bring ring adjustment lower to pot rim if desired. Bring SNAP ON TIE RING from left to pot clip stake for this reverse operation.

SEE YELLOW ORDER SHEET FOR PRICES

Fertilizing: We recommend **"EASE TANBARK FERTILIZER"** a 30-10-10 formula especially designed to use with barks.

This fertilizer is made of Food Grade and Pure materials and therefore is highly soluble. Any cloudiness in the solution may be caused from hard water.

Direction on package tells how much to use. Water thoroughly between fertilizings with plain water. Apply this fertilizer once a month in winter and twice a month in summer or active growing periods. Maintain regular watering schedule, letting the fertilizing replace one watering. Do not feed orchids that are resting, but seedlings and Vandas which grow continuously can be fed all year.

For simple application of EASE TANBARK FERTILIZER we recommend a HYDROMIX AUTOMATIC GARDENER: See page 97 for description and photo.

DORADO (GOLDEN) TREE FERN

MEXICAN TREEFERN is becoming more popular each year. Its main attributes are aeration and slower deterioration than bark. You do not need high nitrogen fertilizers. A balanced 18-18-18 (Vitex) fertilizer will produce good results. Use every two weeks year around except in cold or cloudy weather once a month. Use one to two inches coarse drainage in bottom of pot. Comes in four grades. FINE: Mixed with coarse for seedling community planting. COARSE: All purpose potting grade. SMALL CHUNKS: Vandaceous orchids. LARGE CHUNKS: Vandaceous orchids.

Model 1414 — DIMENSIONS

14' x 14' length and width. Height at Peak—8' 6". Height at Eaves—5' 10"

Can be covered with **MYLAR** (lasts 3-5 years) at extra cost.

ABOVE PHOTO WITH GLASS — WRITE FOR PRICES

A GREENHOUSE ANYONE CAN AFFORD . . . only $125.00

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14'x14' ALUMINIZED—STEEL PLASTIC GREENHOUSE

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Distributed by: Alberts & Merkel Bros., Inc. Boynton Beach, Florida

VANDA ROTHSCHILDIANA
STRAPLEAF VANDA, see page 35

VRIESEA SPLENDENS
Flaming Sword
See page 61

#766 BLC. SANFORD
'BOYNTON' AM-AOS
See Page 20

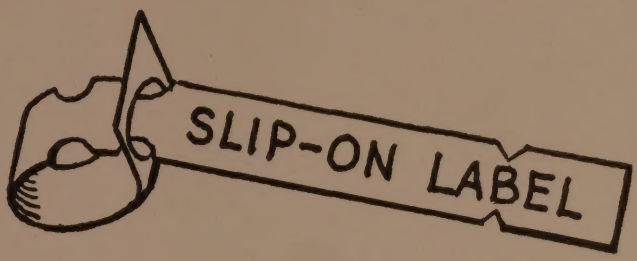
WATER NOZZLES

"400" WATER BREAKER — gives abundance of water without washing the bark out of the pot. Has 400 1/32" holes which gives soft rain effect. Operates best between 25 and 50 lbs. pressure.

FLAT FAN SPRAY—gives gentle rain effect for seedlings without the volume of "400" Water Breaker. Available in steel or brass.
HYDROMIX MIST NOZZLE — attaches to the end of a hose and gives a fan-like mist. Used for spraying insecticides with the Hydromix Automatic Gardener or for humidifying greenhouse.

SLIP-ON LABEL — no wires — Prevents lost labels—Simple to use. —Permanent—see photo.
½" x 5" for seedlings.
⅝" x 7" for mature plants.
White-Red-Yellow-Green-Orange.

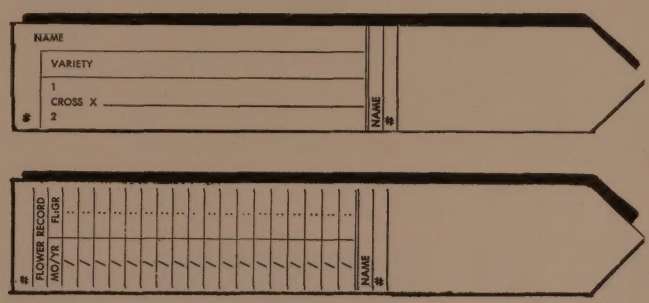
HANDY PACKAGE LABELS — 45 Slip-on labels, 10 pot labels in Assorted colors and 1 Waterproof pencil.



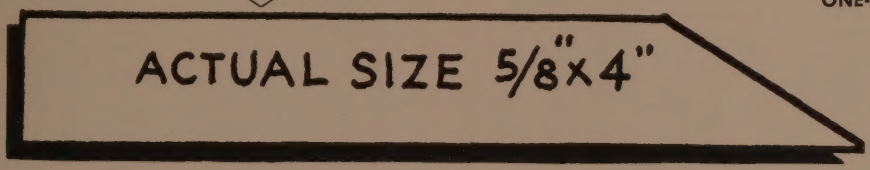
PLASTIC LABELS

ORCHID RECORD POT LABEL — Place to keep record of parentage and cut flower production. 1" x 6". See photo opposite.
White—Red—Yellow—Green

ORCHID POT LABELS — Heavy weight .015 — ⅝" x 4" and 1" x 4" — White, red, yellow, orange, blue, green. See photo below.



ONE-HALF SIZE



SEE YELLOW ORDER SHEET FOR PRICES ★ SEND FOR ADDITIONAL ORDER SHEETS

INSTRUCTIONS FOR ORDERING

Please use enclosed yellow order sheet to send in your order. Do not send money first time. We may be out of plants you want. We will check items you wish and sizes, will confirm your order, and return yellow sheet to you so you can see exactly what plants we have for you. Then please send yellow sheet to us with check or money order for the exact total due. This system avoids unnecessary correspondence for you and extra bookkeeping for us. **No packing charges.**

Minimum Order $5.00 except on Special Postpaid Offers. Fifty cents handling charge on orders under $5.00. We reserve the right to limit quantities sold. Discounts allowed on orchids are given on page 51.

Shipping: We recommend shipping by railway express, transportation charges collect. Parcel post is more economical for small orders. We will estimate the postage when confirming your order. Parcel post shipments cannot be insured against frost damage, **only against breakage. If damage occurs, file claim immediately with express company or postmaster.** Our responsibility ends when package is accepted by carrier. If you do not get satisfaction, write us.

Foreign Shipments: We have fulfilled necessary plant regulations to make shipments outside of the U. S. Send your permit with order. Hawaiian orders require a permit for orchids but not foliage plants. Check with your local authorities and inform us of any unusual requirements for shipping plants into your country. **Foreign shipments cannot be insured** regardless of method of transportation. We recommend foreign payments in postal money orders.

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Hybridizers and Growers of Fine Orchids for over 46 Years

COME TO SEE US — We invite you to visit our nurseries at Boynton Beach, Florida one and a half miles south of Howard Johnson's on east side of highway. (1½ miles south of West Palm Beach on U. S. 1). Our nurseries are now consolidated in this location. We no longer operate greenhouses at Mandarin (Jacksonville). Open daily Monday thru Saturday 8 A.M. to 4:30 p.m.

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Top row — left to right: **BILLBERGIA AMOENA VIRDIS — AECHMEA PENDULIFLORA — AECHMEA MARMORATA — NEOREGELIA HYBRID**

Bottom row — left to right: **AECHMEA ORLANDIANA — B. MURIEL WATERMAN — BILLBERGIA FANTASIA — VRIESA SPLENDENS**

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